

## **REMARKS**

### **Summary of Examiner Interview of June 3, 2005**

Applicants extend their thanks to Examiner Dodds for his consultation during the Examiner Interview of June 3, 2005. During the interview, Applicants and Examiner agreed that Applicants would file a Petition relating to signatures missing from prior-filed Declarations and that Applicants would provide proof of diligence between conception and the priority date of this application for the purpose of establishing an invention date prior to November 22, 1999.

### **Summary of the Office Action**

The Examiner in the Office Action of March 24, 2005, objected to the Oath/Declaration as defective pursuant to 37 CFR 1.52 (c). This issue was addressed during the Examiner Interview, and the Examiner stated the original Oath/Declaration would be acceptable assuming Applicants overcome all of the other outstanding rejections.

The drawings submitted on September 23, 2004 were accepted.

The compact disk submitted on September 23, 2004 was accepted.

The Examiner considered the affidavit submitted on September 23, 2004 under 37 CFR 1.131, but stated the affidavit was ineffective to overcome the Work, (U.S. Patent Application No. 2002/0059201) McCall et al., (U.S. Patent Application No. 2002/0059228) Perell et al., (U.S. Patent No. 6,658,400) and Mikurak (U.S. Patent No. 6,606,744) references. The rejections of each of the pending claims 1-56 were continued pursuant to 35 USC §§ 102 or 103.

### **Request for Continued Examination**

This Reply is being filed concurrently with a Request for Continued Examination (RCE) and the requisite fee. This Reply constitutes the submission required to be included therewith pursuant to 37 C.F.R. § 1.114.

**Amendments to the Claims**

In this Reply, claims 1, 14, 20-22, 24-53, and 55-57 have been canceled. Claims 1-13, 15-19, and 23 have been amended to depend from claim 58. Therefore, claims 1-13, 15-19, 23, 54, and 58 are currently pending, and claims 54 and 58 are the two pending independent claims.

In the Office Action, the Examiner indicated that the affidavit made pursuant to 37 CFR 1.131 was ineffective because the documents cited to in the affidavit as Exhibit A did not show each of the elements of the claims. Specifically, the documents did not show a "special program designation." Remaining independent claims 54 and 58 do not claim a "special program designation." Applicants submit that each of the elements of the independent claims are now shown by Exhibit A to the Declaration of September 20, 2004. Furthermore, the Supplemental Declaration (discussed below) submitted herewith specifically points out at Paragraph 9 each of the elements of remaining independent claims 54 and 58, and where these elements are found in Exhibit A to the Supplemental Declaration. Exhibit A to the Supplemental Declaration is the same document as Exhibit A to the Declaration of September 20, 2004.

**Petition Pursuant to 37 CFR 1.47(b)**

Applicants submit herewith a Petition, and the requisite fee, pursuant to 37 CFR 1.47(b) to accept the 37 CFR 1.131 Declarations of September 20, 2004, with less than all of the signatures of the joint inventors. As set forth in the Petition, pursuant to 37 CFR 1.47(b) and MPEP 715.04(D), less than all of the signatures of the joint inventors in conjunction with the signature of the assignee are acceptable for making a § 1.131 declaration.

**Supplemental Affidavit Pursuant to 37 CFR 1.131**

Applicants submit herewith a Supplemental Declaration pursuant to 37 CFR § 1.131 swearing behind each of the following references.

1. Work, U.S. Patent Application No. 2002/0059201 filed on May 9, 2000;
2. McCall et al., U.S. Patent Application No. 2002/0059228 filed on July 31, 2000;
3. Perell et al., U.S. Patent No. 6,658,400 filed on December 4, 1999; and,
4. Mikurak, U.S. Patent No. 6,606,744 filed on November 22, 1999.

As discussed during the Examiner Interview, this Supplemental Declaration sets out where all of the limitations of the independent claims are shown in the attached Exhibit A. The Supplemental Declaration also provides Exhibits B and C, and supporting statements showing proof of diligence in reducing the invention to practice.

In conjunction with the Declarations of September 20, 2004, made pursuant to 37 CFR § 1.131, Applicants have submitted declarations showing conception and diligence in reducing the invention to practice which predates these cited references.

In Applicants' § 1.131 declarations, Applicants establish conception of the invention prior to November 22, 1999. In addition, Applicants have shown diligence in reducing the invention to practice between November 22, 1999 and August 2, 2000, the filing date of the related provisional patent application (U.S. Serial No. 60/222,689). Applicants respectfully traverse these rejections based on the cited references.

Other references, including Speakman, U.S. Patent No. 5,991,741, and Joao, U.S. Patent No. 6,662,194, were cited under 35 U.S.C. § 103(a) to reject pending claims. Specifically, claims 8, 23, 24, 36, 55, and 56 were rejected. However, both Speakman and Joao were cited as secondary references in combination with both Work and McCall et al. The removal of Work and McCall et al. as prior art references removes the basis for rejecting these claims.

In sum, Applicants respectfully submit that all of the claims are allowable. The declarations of the assignee and joint inventors states that the conception of the claimed invention occurred prior to the effective date of each of the relevant cited references, and that conception was accompanied by due diligence prior to the filing date of those references and until a constructive or actual reduction to practice of at least as early as August 2, 2000. Therefore, Applicants respectfully submit that the relevant cited references are not prior art to the present application. As such, Applicants respectfully request reconsideration of the rejections under §§ 102 and 103, and accordingly request favorable action.

Appl. No. 09/919,594  
Attorney Docket No. 5246 P 003  
Reply to Office Action of March 24, 2005

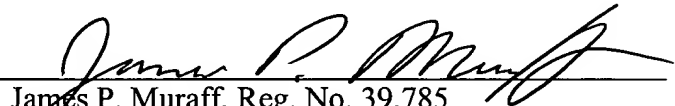
**CONCLUSION**

In view of these Amendments and Remarks, Applicants respectfully submit that each of the pending claims are patentable over the cited prior art, and are in a condition for allowance. Applicants respectfully request that the Examiner withdraw the rejections to each of the pending claims. In the event that any matter in the present application could be addressed by Examiner's Amendment, the Examiner is urged to contact the undersigned attorney.

Respectfully submitted,

Dated: June 24, 2005

By: \_\_\_\_\_

  
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**CERTIFICATE OF MAILING (37 C.F.R. § 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service, with first class postage prepaid, in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 24, 2005

  
Gillian Gardner/227375



Application Architecture Deliverable Approval Cover Sheet

Attached is the Application Architecture Deliverable for the Illinois Skills Match Project. It has been reviewed and approved as satisfying Chicago Systems Group's requirements for this deliverable as described in their proposal.

	Initials	Date
Sandy Grepling IDES ISB	<i>SG</i>	9/27/99
Tom Revane IDES ISB	<i>TR</i>	9/27/99
Mike Cooney Chicago Systems Group	<i>MC</i>	9/29/99

# Application Architecture

## Section Contents

1. Application Architecture Overview
2. Web Site Architecture
3. Online Components
4. Batch Components
5. Infrastructure Components

# Section 1

## Application Architecture Overview

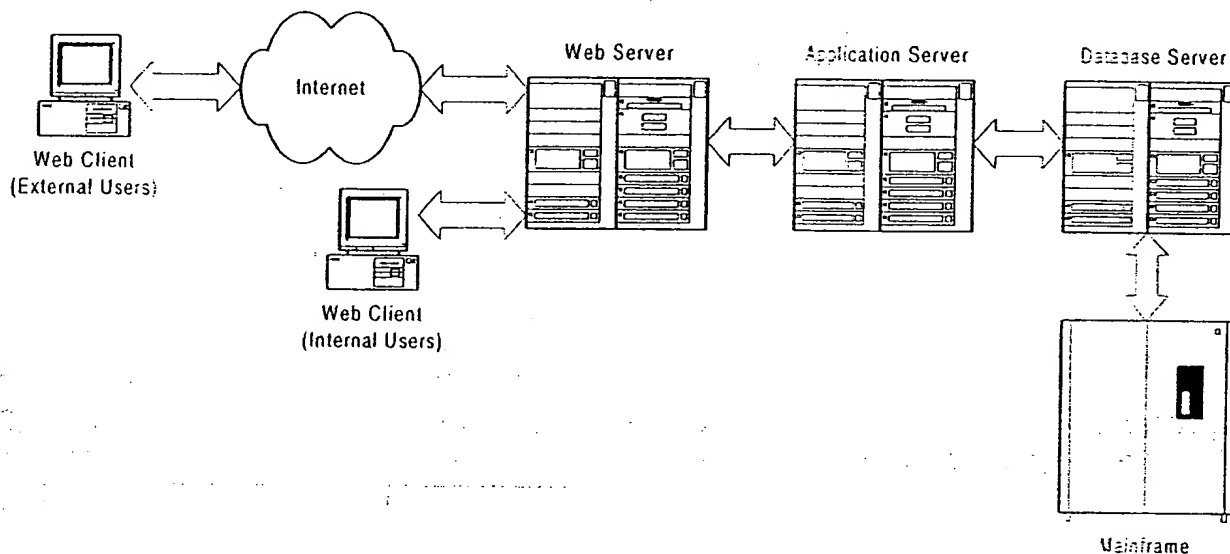
# Application Architecture Overview

This document describes the overall organization of the ISM system from the application developer's perspective. The environment in which the application is developed and executed is discussed, along with some high level design approaches, program elements, and specific application component design issues and details.

## Execution Environment

Figure 1-1 below diagrams the computer system components and their interaction at a logical level.

Figure 1-1 - Logical Architecture



The web clients access the ISM system by sending and receiving requests and results to a web server. All interactive screens are displayed by formatting an HTML page and delivering it's content to the user's browser. The web server sends requests for dynamic content to a separate application server. This server accesses the database server to retrieve data, assembles an HTML response, and then delivers the page back to the web server. Batch interface programs execute on the database server to transfer data between the ISM database and existing mainframe applications.

## Application Components

The ISM application can be broken down into five basic components.

- Web site components
- Online application components
- Batch components
- Reporting components
- Infrastructure Components

### Web Site Components

The ISM system is accessed by a web browser. All user interface is handled through the web server by sending HTML to the client and responding to the client's HTTP requests. The web server also holds static content such as image files. In addition to the web server, the application server generates web content. The application server merges data from the database with HTML to generate the final HTML stream that gets delivered to the client browser. This operation is performed by a *Java Server Page (JSP)*. A JSP is a HTML page with special Java programming logic embedded in it.

## Application Components

The application logic of the ISM system is primarily implemented using Netscape Application Server (NAS). NAS *Servlets* implement the majority of the business logic. A servlet is a Java program that executes on the NAS server in the context of a user *session*. Every user of the ISM system will enter through a logon process. At the time of logon, the user session will be instantiated. From that point on, each HTTP request from that user that goes to the application servers will execute in the context set up when that user logged on.

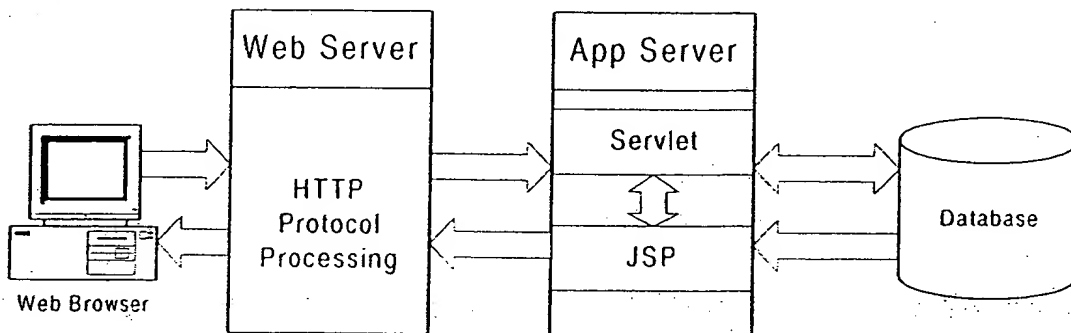
The Servlet accepts data from the web page where the data was entered. Data validation and database processing is then performed. The process continues with the next JSP being called to present the next page.

Another component of the application is stored procedures in the DB2 database server.

On the client side, some application logic and special user interface presentation mechanics are handled by JavaScript.

The flow of information between the web and application components is shown in figure 1-2.

Figure 1-2 - Data Flow Overview



## Batch Components

Some of the functions performed by the ISM system run at regular intervals and are scheduled to run in batch mode. These functions are primarily in the area of interfaces to existing mainframe systems. The programs run on the database server.

All batch jobs are Korn shell scripts. Inside the script is the execution of Korn shell commands, Perl Scripts, and COBOL programs, which often make use of stored procedures in the database.

## Reporting Components

Standard reports are available from the ISM system to support the various offices. These are typically monthly reports that will be delivered either electronically or manually depending on the capabilities of

the individual office. These reports are run in batch mode on the database server.

## Infrastructure Components

Functions that are outside of the business logic category, but that form a foundation for the inner workings of the system are classified as infrastructure components. These functions are responsible for such things as implementing the security system, error reporting and recovery, and other basic capabilities in the application that are shared amongst the other components. The infrastructure components for ISM are implemented through the base *object model* in Java, and *extension* modules that enhance the capabilities of NAS and the base operating system.

## Programming Tools and Environments

This section describes the programming languages and development tools used. Both the development and deployment environment are addressed.

### Web Page Development

The creation of static web pages and the HTML templates for use by NAS is performed on the developer's Windows NT workstation using the following products:

- MacroMedia Dreamweaver
- Allaire HomeSite
- NetObjects ScriptBuilder

Static web pages are deployed to the Netscape Enterprise Server (NES) web server. HTML to be used in JSPs are deployed to the NAS server.

### Application Logic Development

The application logic is comprised of the program modules that support the online web application and the batch functions.

#### Web Site Logic

The web site application logic is developed using Netscape Application Builder (NAB). NAB is used to create the JSPs and Servlets. Both of these components contain Java code to implement the application logic. Symantec Visual Café is used to develop the Java modules. It provides more features than NAB to make Java development more efficient.

Development using these products is performed on the Windows NT workstation. Deployment is to the NAS servers.

#### Extensions

NAS and other extensions are developed in Microsoft Visual C++. Deployment is on the NAS server. Once developed, the source code is moved to the NAS server and re-compiled and an installation is performed to connect the Extension to the NAS server.

#### Stored Procedures

IBM DB2 Universal Database Extended Enterprise Edition (UDB EEE) serves as the database repository for the ISM system. UDB EEE comes packaged with DB2 Stored Procedure Builder. This product assists in the development and testing of stored procedures. It can also be used to deploy the stored procedure to the database server. Deployment can also be done with a traditional "CREATE PROCEDURE" statement using an interactive SQL session with the database.

#### Batch Programs

The batch programs create datasets for upload to the mainframe, and process datasets created on the mainframe for processing into the database. These batch programs are Korn Shell scripts that execute Perl and COBOL programs. Perl is developed using a standard text editor. Merant Microfocus COBOL is the tool used to develop COBOL programs. Development is performed on the Windows NT workstation. Deployment is to the database server.

Site Architecture

Web Site A



## Section 2

# Web Site Architecture

initial home page identifies the user type and requests a username and password. At this point, secure sockets layer (SSL) is used for transmitting this information to the web server. At this point, a number of evaluations are performed on the client browser. Once the browser capabilities and the user have been authenticated, an appropriate opening menu page is displayed depending on the user type.

### Menu Pages

Menu pages are displayed as appropriate for the type of user. A menu page is very straightforward. It contains no input controls, but just links to other pages in the system. Some conditional processing is performed to show or hide specific menu options based on the user's permissions. These decisions are made when the page is constructed on the application server.

### Search Pages

Search pages accept search criteria, and then execute a database search for data with matching criteria. After the search completes, a list page is built showing the results if one or more matching records is found. If no matching records are found, the search page is redisplayed with an error message.

### List Pages

These pages list several rows of information from the database. This is typically a result set from a database search. Each result record is a link that can be used to present the detail page for that data row. Optionally, each line in the list may also contain a checkbox that can be used to select a subset of records. The selected set of records can span multiple list pages.

Initially, the result set is divided up into pages. If the result set requires more than one page of list information, navigation buttons will be available to proceed to the next or previous page as necessary.

When a user selects a detail record, and then returns to the list view, the user will return to the same list page that contained the detail record most recently viewed.

Other activity in the ISM system may introduce or eliminate records from the user's result set. However, once the list is generated, it remains static until the user requests for the information to be refreshed. When necessary, some processes force a refresh to occur.

### Detail Pages

When complete detail on a record of information is requested, a detail page is presented. If a user requested the detail from a list page, then options on the detail page will exist to move through the list in detail view and an option to return to list view will be in place. If a subset of records was defined on the list page, then that subset defines the context of what the next/previous navigation will present to the user.

In simpler cases, detail pages are displayed from other non-list pages, or used for data entry purposes.

## General Web Page Issues

### Caching of Pages

In general, the dynamic nature of the ISM web pages makes it unlikely that the caching features of proxy servers and cache servers would be of any help to the performance of the system. In addition, cached pages may erroneously be sent to a client containing stale data. To disable caching, each page contains a pragma statement to turn caching off for proxies and cache servers.

Caching on the browser should be turned on. This enables certain functions to be performed from the client side using history to go back to previous pages.

## Page Organization and Flow

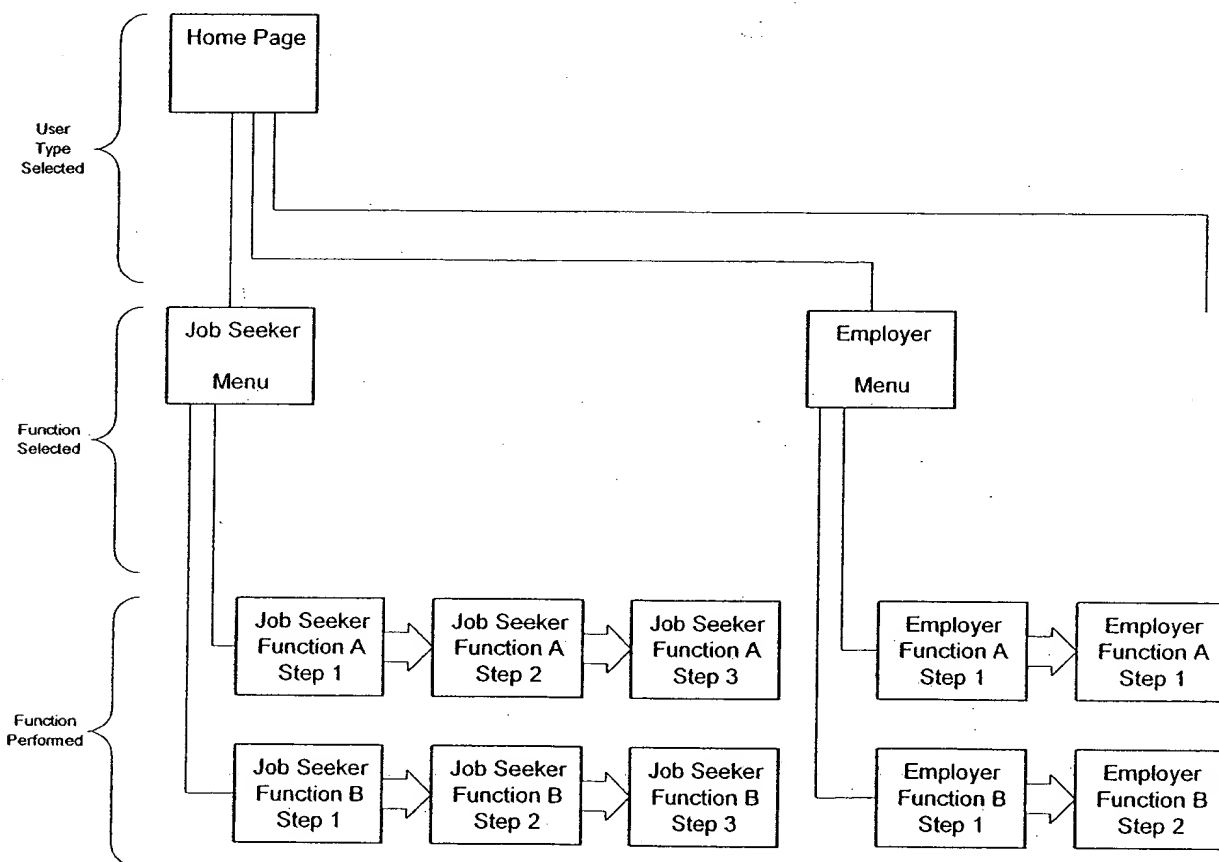
# Web Site Architecture

This section describes the web site issues and architecture of the ISM system. These issues include general web site organization, page layouts, page flow, interface mechanics, how the pages perform various tasks, and browser issues.

## General Organization

Figure 2-1 illustrates the general organization of web pages in the ISM web site.

Figure 2-1 - General Organization



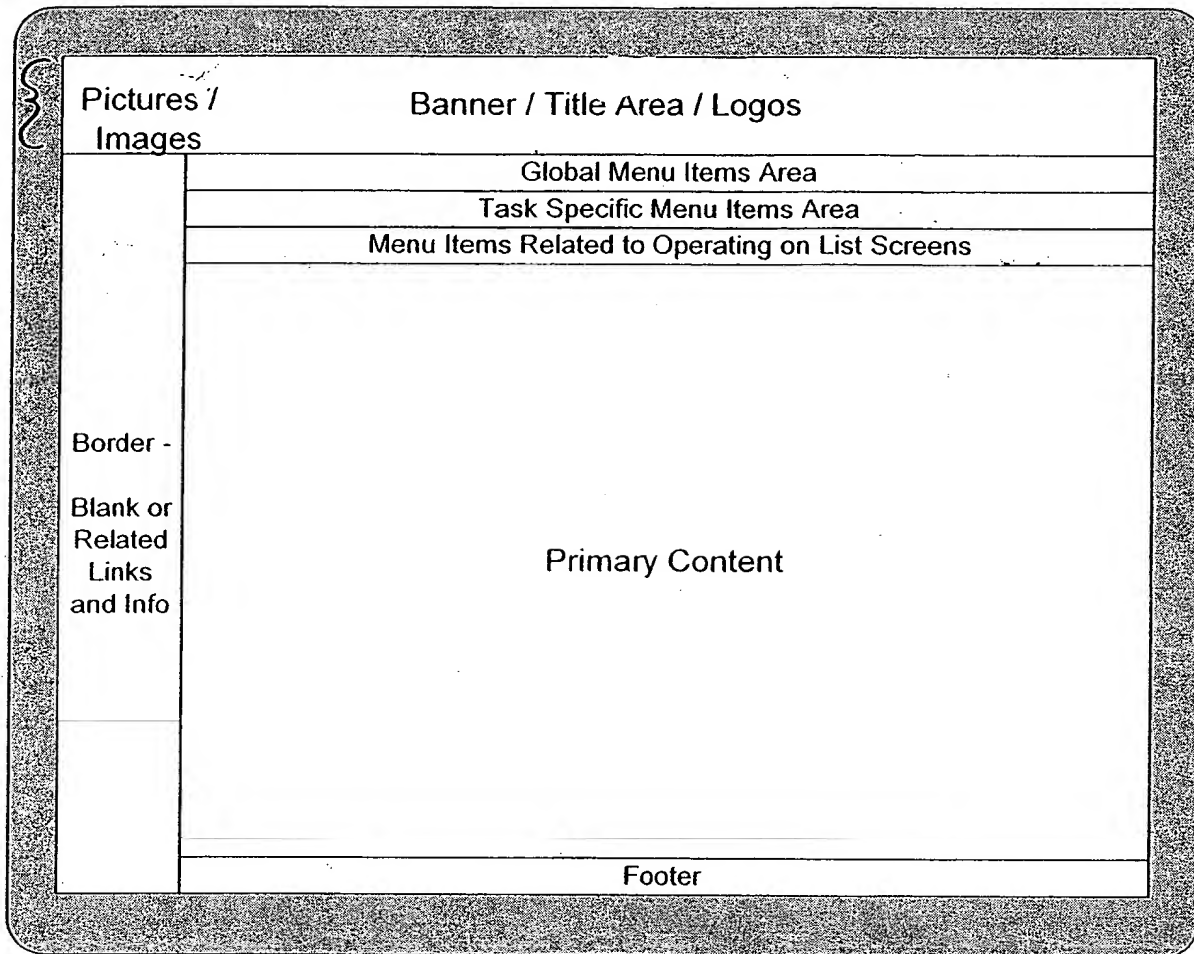
At the top level, there is a main page. On that page, the user makes a choice to indicate what type of user they are, and must enter a valid username and password, or go through a registration process. Categories of users are job seeker, employer, staff, and administrator. Once the user type is identified and their username and password is authenticated, a customized menu of function options is available on the screen. Once a function is selected, either a single page, or a series of pages will be presented to complete whatever process steps need to be performed.

## Look and Feel

### General Look and Feel

An extensive web site prototype has been developed for the ISM system. The prototype defines the specific layout of the page, and the look and feel of the web site. The position of controls, and graphical elements is used as a model for the final product. Figure 2-2 provides a general layout description of a standard web page.

Figure 2-2 - Standard Page Layout



The top banner portion provides a title and logos. The upper left box contains various graphics, such as a picture of the Governor, etc. A horizontal strip of global controls is always displayed below the top banner. When applicable, a horizontal strip of controls that are specific to the current page appears below the global control strip. If the page is a list page, a third strip of menu options is available directly below the task specific menu. The main body of the page with the primary content follows that. The body is where data elements and input/output is performed. A vertical strip of controls runs along the left hand side, providing an additional set of the global controls. Other links are provided there as well when appropriate to the user type and the function they are performing.

### Specific Page Types

The pages in the ISM web site can be broken down into five basic categories: the home/logon page, menu pages, search pages, list pages, and detail pages.

#### Login Page

The home/login page is in its own category due to some rather complex processing requirements. The

## Navigation Map

Figures 2-3 and 2-4 show the web site navigation map. They identify key sections of the web site and potential navigation paths between them. Figure 2-3 shows the majority of the overall web site. Figure 2-4 shows the details of the "skill picker" function. For the purposes of clarity, global navigation options are not included.

Figure 2-3 - Navigation Map

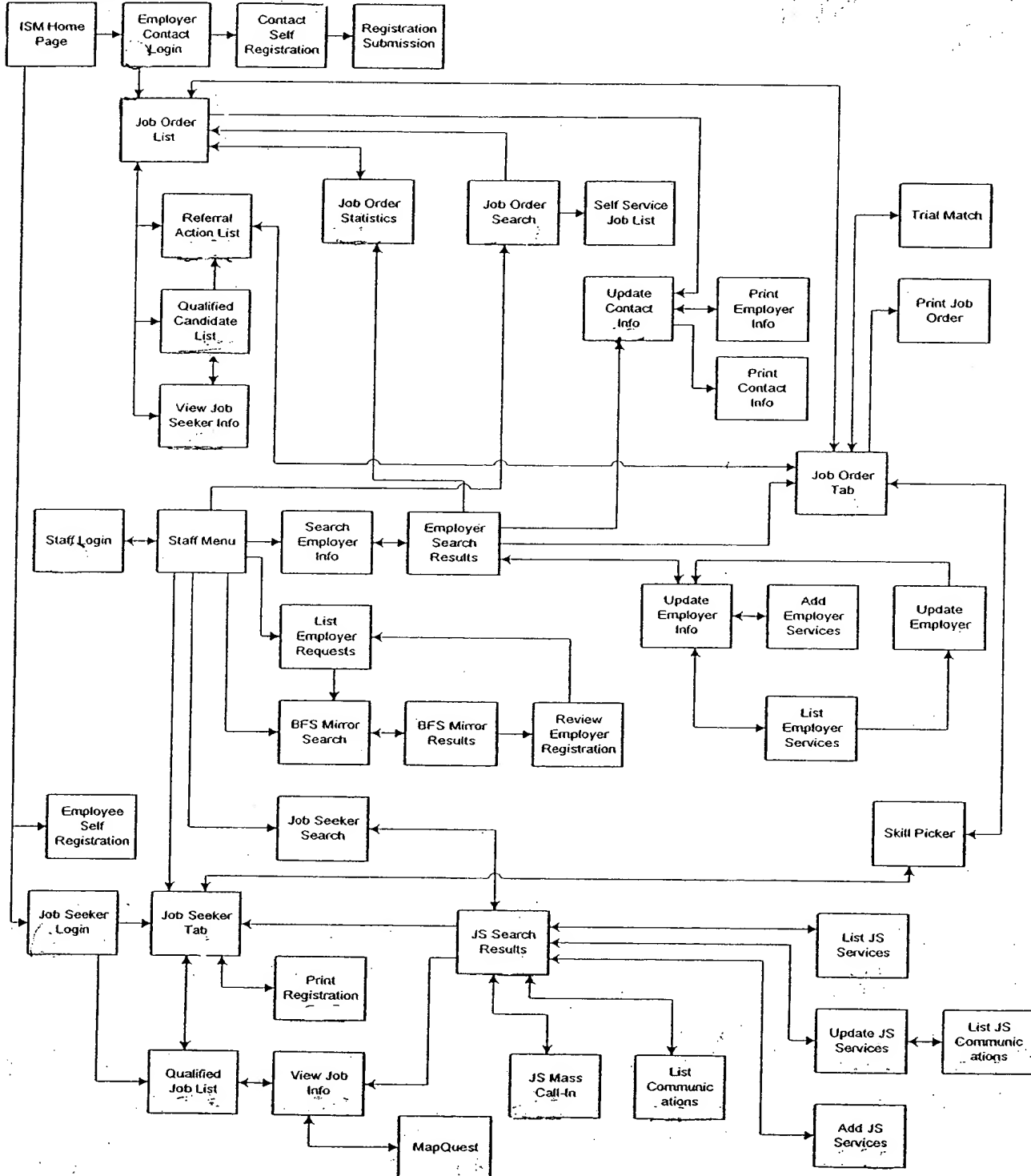
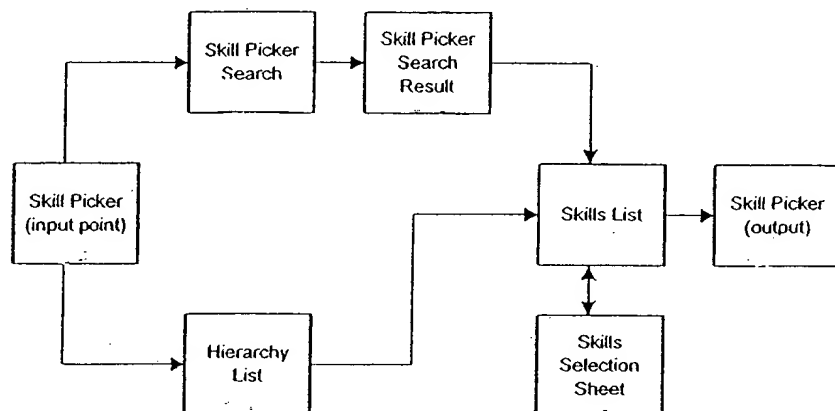


Figure 2-4 - Skill Picker Detail



## Global Navigation

Regardless of the user's location in the ISM system, there are global navigation options that allow the user to quickly access major functions, such as the user's main menu and logging off of the system.

## Logon, Sessions, and Security Issues

### Logging On

In order to implement security, and to support the NAS session architecture, all users of the ISM system must identify themselves to the system by logging on. Employers and job seekers go through a self-service registration process the first time they enter the system. Staff users are set up by ISM administrative staff. Staff users are assigned to various groups in order to implement the security architecture for the application.

### Session Setup

When the logon page is submitted, a session is created on NAS. In order for NAS to be able to identify what client session is making requests to it, a cookie holding the session ID is sent to the client. Subsequent requests from the client browser always include the cookie.

### Security Issues

Security is provided on the transmission of sensitive information through the use of secure sockets layer (SSL). HTTP browser transmissions using SSL, commonly referred to as HTTPS, protects the data contents through encryption. This technique is used for HTTP transmissions where either the request or response contain sensitive information.

## Browser Issues

### Required Features

In order to support the complex requirements of the ISM application, several advanced browser features are required. Some features are not available in older browsers. Most can be turned off by the user. The home page of the ISM system evaluates the user's browser for version and features. If the browser

is found to be lacking some of the requirements, the user is notified of what is required and how to gain access to those features. Refer to the ISM *Technical Architecture* document for full details on browser requirements.

### **New Browser Window Launch**

Once the user has logged in, or in any other way proceeds off of the home page (i.e. job seeker registration), a new browser window is opened. In the new window, the browser's tool bar and menu bar are disabled. This reduces the likelihood that the user would attempt to perform navigation that would upset the flow of transactions in the system and offers some additional screen space to use.

### **Client Side Programming**

Tools exist for writing program logic into the web page for execution at the browser. This is done in a very limited way using JavaScript on the pages of the ISM system. Simple checks, such as the existence of data in a required field and basic data format compliance make use of this technique. JavaScript is also used to implement some of the more complex user interface elements. Extensive data validation and business logic, however, is performed entirely on the application server. This provides for a more straightforward design and a focal point for maintenance and testing.

## **Section 3**

# **Online Components**



# Online Components

This section presents the structure of the online portion of the ISM application. General topics in this section include the mechanics of presenting the user interface, screen types, database access, input validation, error handling, and security. Issues related to specific sections of the application are discussed in detail, where important design decisions have been made.

## General Mechanics and Approaches

This section presents some rather broad topics and general approaches to implementing the online system.

### Screen Generation

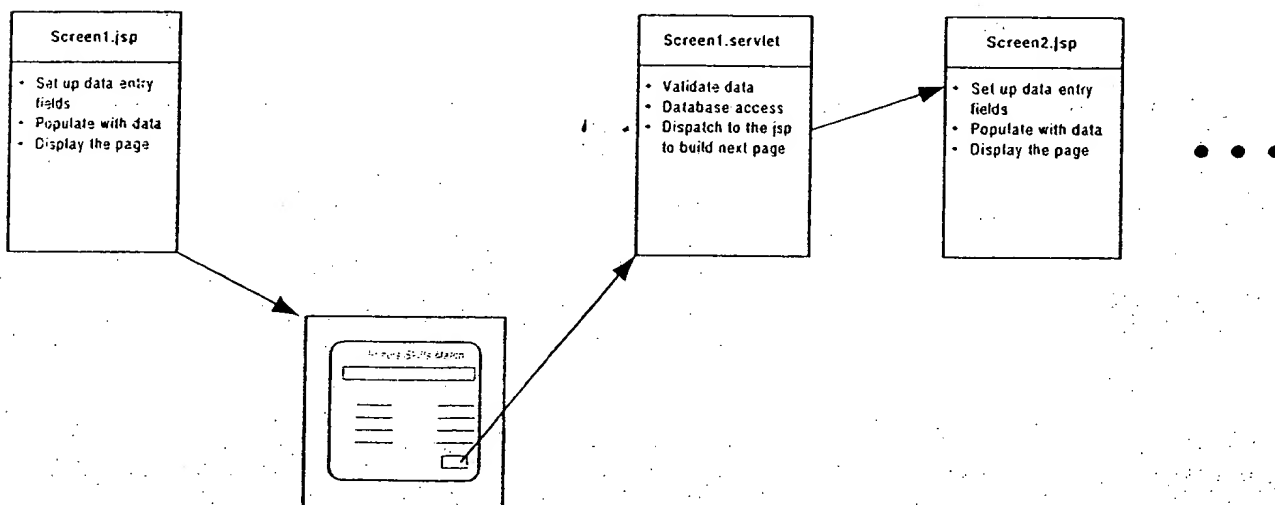
The mechanics of generating a screen begins with the user's browser request. These requests are always sent to one of the ISM web servers. If the request is for a static HTML page or other static content such as an image, the web server handles the request by itself. In the ISM system, the only static HTML page is the login page. The rest of the page requests are references to Servlets. In these cases, the requests are forwarded from the web server to the application server that is best suited to handle that request at that time. The best suited server is determined through load balancing information that flows between the application servers, and from the application servers to the web servers.

The normal processing of an online screen typically involves several steps:

1. Build the screen with input fields and any other controls
2. Process the input values, perform validation and database access.
3. Provide a response. Typically, this would be an error message or the presentation of the next screen in the process.

Programmatically, these functions are split into separate modules. The building of the screen is performed by a Java Server Page (JSP) for that screen. When the page is submitted for processing by the user, a Java Servlet is called. After processing the information, the Servlet chains to the next JSP. Figure 3-1 illustrates this process.

Figure 3-1 - Screen Generation



## Java Servlets

With the exception of the home and login pages, all pages in the ISM system are references to Servlets. The Servlet responds to the form submitted to it, and then dispatches a JSP to build the next screen.

## Java Server Pages (JSPs)

Java Server Pages are used to build the HTML response page back to the user after business logic processing has been completed by the Servlet. JSPs contain HTML and some Java code to retrieve information from the database, do security checking, etc.

To facilitate code re-use and a modular design approach, some JSP templates master templates have been created to serve as a starting point for all JSPs used in ISM. These templates contain some header and footer information as well as standard JavaScript functions needed by all web pages in the system.

## Database Access

The database management system (DBMS) for the ISM system is IBM DB2 Universal Database - Extended Enterprise Edition. At a high level, ISM is a web based application system that's focal point is a database containing job postings, skills, applicants, and employers. The Java components that drive the web page creation get much of their content from the DBMS. In order to make the DBMS access efficient, consistent and modular, the majority of database access will be performed through stored procedures. The use of stored procedures also provides a means to enforce business logic rules. In the case of very simple selects from the database, queries are used directly instead of stored procedures.

### Connecting to the Database

A database connection is made initially at the time of login to validate the user and establish his identity as a job seeker, employer, or ISM staff. After establishing that, a virtual connection is made to the database using a generic username that corresponds to the user type. NAS holds a pool of sessions open to the database running under these generic usernames and matches the request for a connection to one of these.

### Stored Procedure Creation

Stored procedures in DB2 are written in Java. DB2 provides a tool to generate a suitable Java wrapper around the actual stored procedure SQL code. DB2 Class libraries are provided to gain access to the DBMS.

### Calling Stored Procedures from Servlets and JSPs

Stored procedures are called from within Servlets and JSPs using the Java Database Connectivity (JDBC) API. NAS supplies the engine that accepts these JDBC calls and passes them to the database server.

### Partitioned Database Cluster Issues

ISM is making use of a multi-server database cluster. DB2 allows for the partitioning of data in a single database amongst multiple servers. The ISM database is partitioned in such a way that most employer data resides on one server, and job seeker data resides on the other server. This improves performance by facilitating parallel database activities.



## Validating Input Data

Typically, after a user is done entering data onto a web page form, some button click or other control function is performed by the user. At this point, validation of data is performed. The ISM system performs validation and enforcement of business logic at three different levels:

1. On the input form web page itself
2. At the application server
3. At the database

### Validation on the Web Page

Very little validation will be done on the web page itself. The only validation done here is to make very simple checks for data type and format correctness and required fields. Doing this type of simple validation at the web page level improves performance by avoiding going to the application server with data that is obviously incomplete or incorrect. These validation checks are implemented with JavaScript. Form submission to the Servlet is blocked until these validations are passed.

### Validation at the Application Server

Entered data is passed to an Servlet when the user performs some action that causes the page to be submitted. At this point, the Servlet is responsible for a complete validation of all data as well as any other processing. Validations that were done at the web page are repeated in the Servlet or JSP to guard against malformed or insidious transmissions. All individual data items and referential integrity checks should be performed by the Servlet prior to submitting any data update requests to the database.

### Validation at the Database Server

The database server stored procedures, triggers, referential integrity, and key constraints enforce database integrity. However, by the time a simple data add or update request is made to the database by the Servlet, it is expected that the Servlet has thoroughly verified the integrity and should be without errors. In these cases, logic in the stored procedure need only return success or failure to the Servlet. In other cases, the logic of the stored procedure is more elaborate and needs to return more detailed status information.

## Error Handling

When errors occur in the application, they may need to be logged and/or reported to the user. If they are severe in nature, an administrator or other system support personnel must be notified. An infrastructure has been built into the ISM system to provide a central error delivery mechanism. It provides the ability to report simple errors, such as displaying messages on the web page form, as well as escalating errors to the point of sending Email, delivering SNMP traps, and sending alphanumeric pages.

Errors to be reported fall into several categories. The delivery of appropriate error messages to the appropriate destinations must be initiated by the module that traps the error. This could occur on the web page, in the application server, or at the database server.

### Displaying Errors on the Web Page

Errors are tracked and stored using cookies on the client computer. Whenever an error message needs to be displayed, the error is recorded in a cookie. When the page is rendered, the cookie(s) is/are read by another JavaScript module and displayed on the page. The key to this mechanism working, is forcing the page to be re-rendered from various points of execution.

Some simple validations are performed on the client computer using JavaScript embedded on the web

page. Standard error message handling JavaScript routines are available on any page to record the error. Once errors are recorded, they can be displayed by making appropriate function calls.

When errors are detected by a Servlet on the application server, the ISM error handler is called. Messages are delivered back to the client computer by sending cookie(s) in the response header, along with a request to go back to the previous page.

### Severe Error Logging and Reporting

When severe errors occur, the NAS error handling extension is used to handle them. Again, these errors could be triggered either at the browser, the application server, or the database server.

When errors occur that are severe in nature on the web page, a JavaScript function is available to invoke the error handling Servlet on the NAS server for severe error notification. This JavaScript function is part of the standard master templates. If a severe error should occur in the application server's code execution, the methods available from the error handler are called directly.

Some database severe errors are returned to the Servlet and reported on from there. Others that may occur independent of any specific request are reported through normal DB2 alerts provided for within the DB2 infrastructure.

### Security Handling

There are several elements in the ISM system that will have limited access. This includes seeing certain screen elements on pages, seeing entire pages, and performing certain actions on pages. To facilitate these requirements, a security infrastructure has been put into place via a NAS extension. This extension provides an easy interface to security information about the current user and what his permission levels are to perform actions or see items.

#### Users and Groups

A simple user/group/permission arrangement is used in the ISM system. Permissions are granted; there is no facility to specifically deny access to something. Permissions items are defined for anything that needs protection. Any group or user may be granted a permission. Users may belong to more than one group. Groups may belong to one or more groups. If the specific user, or any group he belongs to has the permission granted, then access is allowed.

#### Checking Access Rights

Permission items are defined and checked for in the JSP and Servlet to decide if the user should be shown items in the template, or allowed to access functions. Another technique used from the JSP or Servlet is to choose between various web pages based on user permissions. Raw navigational issues are handled by the base object infrastructure. Permissions are maintained that list valid from/to combinations of pages and page permissions.

#### Database Users

The DBMS has its own security infrastructure. To provide an extra layer of protection to the data, several different users are defined with varying access rights to the data itself. At the time the database connection is made, the user is identified and mapped to an appropriate database user according to the level of access allowed.

## Online Application Organization

This section addresses the specific sections of the online system. Application logic elements and implementation approaches are discussed.

The ISM system can be broken down into four sections:

1. Job seeker functions
2. Employer functions
3. ISM Staff functions
4. Administration functions

The sections that follow deal with each of these functional subsystems and any specific design issues and approaches taken within them. A general description of application flow is also provided. These following sections address major functional areas of the system. It is not intended to be an exhaustive inventory of all screens and functions.

### Job Seeker Functions

#### Registration

A job seeker begins his experience with the ISM system by registering. Only registered users with a username and password can use the system. Registration is a simple sequence of forms. After registration is completed, the user can logon to the system.

#### Skills Profile Entry

A series of forms is available to walk through the predefined skills and add them to the user's profile. The user chooses skills and assigns proficiency or experience levels to them. Extensive searching is available to choose skills related to various job titles. This functionality is also available in the employer section to define the required skills for a job order.

#### Skill Matching

Once a job seeker has filled in his skills profile, the skills matching function can be performed. This is the heart of the ISM system. Available job orders are compared with the user and a list of matching job opportunities is presented. Links to the detailed job information is then available. A link to MapQuest(r) is also provided for driving directions.

### Employer Functions

#### Registration

Employers must be registered prior to posting any job orders into the system. Once the employer goes through the online registration, job order worksheets can be prepared. However, these job orders cannot be posted to the system until an IDES staff member has reviewed the registration to validate the legitimacy of the entity.

#### Job Order Functions

Job orders are the key element for employers. Job openings are described in detail and entered into the system. Skills and proficiency/experience levels are assigned to the job order. After a job order is completed, a trial match can be performed. This function allows the employer to get a feel for how many qualified candidates exist in the ISM database. Modifications can then be performed prior to the actual

posting of the job order. Once posted, a match is performed and a list of qualified candidates is generated in the database. The next time a qualified candidate logs onto the system, that new job will appear in their list of qualified jobs.

### **Qualified Candidates**

Once qualified candidates have been identified through the matching process, the employer can perform actions to view the job seeker information and make referrals.

### **Referral Actions**

The referral actions are what triggers notifying the job seeker of a match in skills between them and a job order. Notifications are queued and processed in batch mode. Possible notification methods are an email, automated phone notification, or a letter.

### **Staff Functions**

The staff menu is presented when a IDES staff user logs on. The staff menu contains links to every function available to the job seeker and the employer. Additional functions available to staff are described in the sections below.

### **Employer Registration Requests**

Employers can be registered by IDES staff, or employers can submit their own registration requests. Once the request has been made, IDES staff review the validity of the company and then make the employer's registration active.

### **Search Employer Info**

Search screens allow the staff member to look up company information and edit their contact and any other information as needed. Employer information can also be printed.

### **Job Order Search**

A job order search screen provides staff members with a method to search for and edit a specific job order. Job order information can also be printed.

### **Administration Functions**

Administrative screens are used to maintain the various basic data of the system such as skills definitions, staff users, security settings, and other table maintenance.

## Section 4

# Batch Components



## Batch Components

This section presents the structure of the batch portion of the ISM application. Batch programs implement interfaces between the ISM system and legacy systems. Batch programs are also used to satisfy regular report generation requirements. General topics in this section include Unix batch execution environment, program elements, checkpoint/restart, and data transfer between the ISM Unix environment and the CMS IBM mainframe environment. Some specific batch program implementation details are also presented.

## General Mechanics and Approaches

This section presents general topics and approaches to implementing the batch system for ISM.

### Execution Environment

The batch programs for the ISM system are executed on one of the database servers. The second database server is available as a backup in the event that the primary batch processing database server is unavailable. Batch job execution is controlled by OSM COSbatch batch scheduling software. Batch jobs are registered in COSbatch for processing either at specific times, or on some other event, such as the existence of a data file or successful completion of another batch job.

### Program Elements

#### Shell Scripts

The batch programs for the ISM system run in a Unix environment. In Unix, batch jobs can be either a single executable program, or a shell script. A shell is simply a term for the command line interface to the operating system. Several different shell programs are available in the Unix environment. Examples of these are Bourne, Korn, C, and Bash. ISM Batch jobs are written as Korn shell scripts. Korn shell is the most common and popular Unix shell. Within the Korn shell script, individual programs can be executed, environment variables can be used, and basic control structure constructs are available. Return codes from programs can be checked within the script. Return codes from the script can be checked by COSbatch.

#### COBOL Programs

The core processing of the batch programs will be written in Microfocus COBOL. COBOL is the best suited tool for database access and file processing to and from the mainframe.

### Checkpoint/Restart

Two of the most important design features of ISM batch jobs is their ability to be restartable and their use of checkpoints. Many of the programs in ISM will be dealing with large amounts of data. If for some reason the job is interrupted, the ability to restart the job and have it resume processing where it left off saves valuable processing time and reduces performance impact on the system. From an operational standpoint, this approach offers simplicity. Any program can be terminated and restarted without the need for a lengthy manual rollback process.

#### The Batch Control Table

Central to the checkpoint/restart infrastructure is a batch control table that contains key information about the execution parameters and status of the job. Information contained here includes input/output file name(s), the current status of the job, and an indicator of where in the file the last checkpoint

occurred. There is also a checkpoint governor stored in the table that indicates the number of records to be processed in between checkpoints. This allows for some tuning of resource utilization. This technique limits the number of database locks and the length of time that records stay locked. The checkpoint value is read at the end of each checkpoint interval so that the parameter can be set dynamically.

## File Transfer

Many batch programs in the ISM system either generate a data file for the mainframe from data contained in ISM, or read a file created on the mainframe and post the information into the ISM database.

The mechanics of sending and receiving files between the ISM batch server system and the IBM mainframe will consist of dropping files off and reading them from a specific location on the IDES network. The specific mechanism of transfer and location have not yet been defined. Most likely, the transfer mechanism will be FTP or an NFS mounted volume that can be accessed directly. The intention is to avoid manual intervention in all file transfers for ISM. Files should be dropped off and picked up by the programs automatically with no human intervention.

## **Section 5**

# **Infrastructure Components**

# Infrastructure Components

This section presents the infrastructure upon which the ISM system is built. The ISM infrastructure can be defined as those components that provide core services to the rest of the application components. Much of the infrastructure centers around Netscape Application Server. A discussion of NAS architecture, as well as other components and how they interact is discussed. The use of application development languages is also addressed.

## NAS Architecture Overview

This section provides an overview of the components and features of the server and application architecture of the Netscape Application Server (NAS). The purpose is to provide basic background information to aid in understanding the ISM Application framework and the context in which it operates.

### Background

This section assumes that the reader has a basic background in general Internet, web, and web application technologies. If this is not the case then the reader may wish to read the "Technology Background" section.

### Introduction

The Netscape Application Server (NAS) is an application server product currently developed and marketed by Netscape Communications Corporation.

NAS offers a stable and scalable environment on which to develop and deploy robust and complex transaction based web applications.

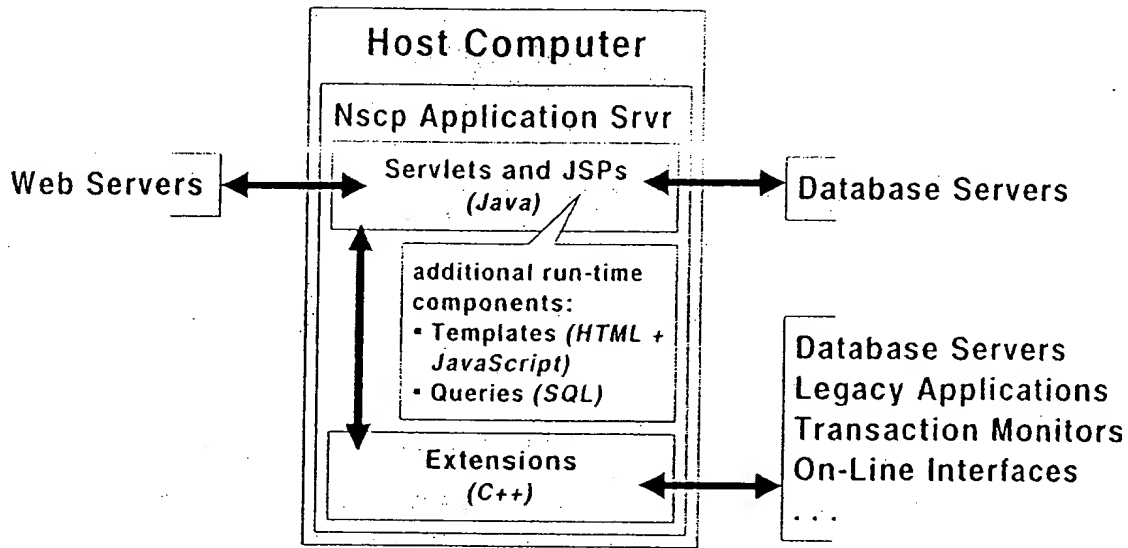
### Components

NAS based applications consist of off-the-shelf NAS servers to provide the core services and custom built application components to implement the application's specific business logic requirements. The custom built application logic components that execute on the server side consist of Java Servlets, Java Server Pages (Java imbedded in an HTML document), and application server extensions written in Java and C++.

As requests are received from the web user, via the web server, a specific Servlet is invoked to handle that request. The Servlet can access external resources such as databases. After processing is completed, a Servlet will typically either respond with an HTML stream back to the client, dispatch control to a Java Server Page (JSP), or a combination of the two. The Servlet or JSP can also use the services provided by the Extensions. The NAS Extensions function much like assembler exit routines on main frame applications. These extensions extend the core capabilities of the base NAS product to provide such functionality as persistent connections to back-end legacy applications, integration with transaction monitors, integration with third party packages, etc.

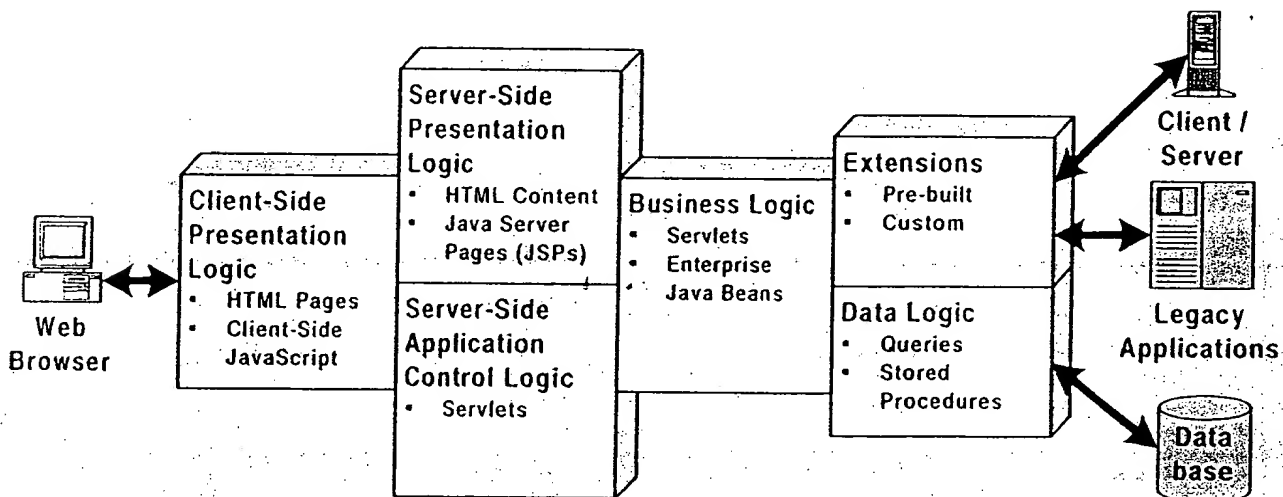
Figure 5-1 illustrates at a high-level how the Servlets, JSPs and Extensions work within a NAS server and the points of interaction with the web server, database servers, and other external services.

Figure 5-1 NAS Server Components



Structuring the NAS application architecture to use separate components for static pages, dynamic page templates, query files, and executable logic provides a multi-tier application model. A great deal of flexibility is available in matching the best module type to the application module's task. The advantages of this scheme are that the application components are separated into manageable pieces according to the skills required to prepare them and by the functions that they perform. This also allows for greater re-use of components, simpler testing, and modular deployment. This supports a higher quality development result and minimizes the impact on system availability when deploying ISM application software upgrades. Figure 5-2 illustrates the tiers of a web application and which NAS and other components address which tier.

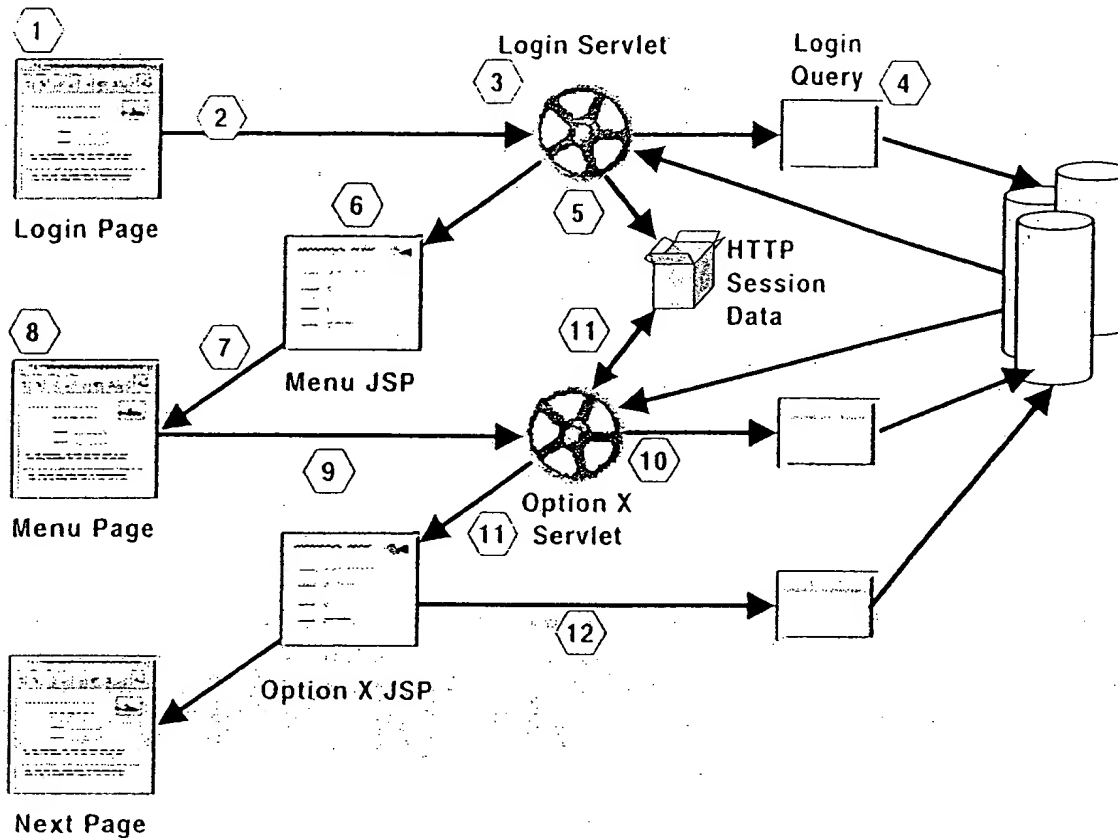
Figure 5-2 - Web Application Tiers



## Request Flow

Figure 5-3 flow of a NAS based application.

Figure 5-3 - NAS Application Flow



1. Within a web browser, a user is viewing the "Login" page containing a data entry form. The user enters their user name and password and clicks on the "Login" button.
2. The request, containing the values entered onto the web form, is sent through the web server to the application server.
3. The application server receives the request and runs the "Login" Servlet.
4. The Servlet retrieves the user's user name and password from the incoming parameters and uses the "Login" query to perform a search within the database to verify those credentials and to retrieve information about this user.
5. Once the credentials have been verified, the Servlet generates a new session identifier and creates a new container (HTTP session object) to hold information pertaining to this user such as the user's user name.
6. The Servlet then dispatches to the Menu JSP to generate a menu page customized for that user.
7. As the resulting page is created it is sent back to the web browser via the web server. Note that the new session identifier is also sent to the web browser via an HTTP cookie.
8. The "Menu" page is received and rendered by the browser. The user can then click on any of the options (links and forms) on that page.
9. When the user clicks on an option a new request is sent through the web server to the application server. Note that the web browser also sends the session identifier via an HTTP cookie.
10. The application server receives the request and runs the appropriate Servlet.

11. The Servlet retrieves all of the incoming parameters, including the session identifier. The Servlet can then use that session identifier to access the existing HTTP session "object" for that user and modify the information contained within it. The Servlet performs any necessary data access and dispatches to the appropriate JSP to prepare the next page for the user.
12. Optionally, the JSP can make necessary calls to database to retrieve additional data.

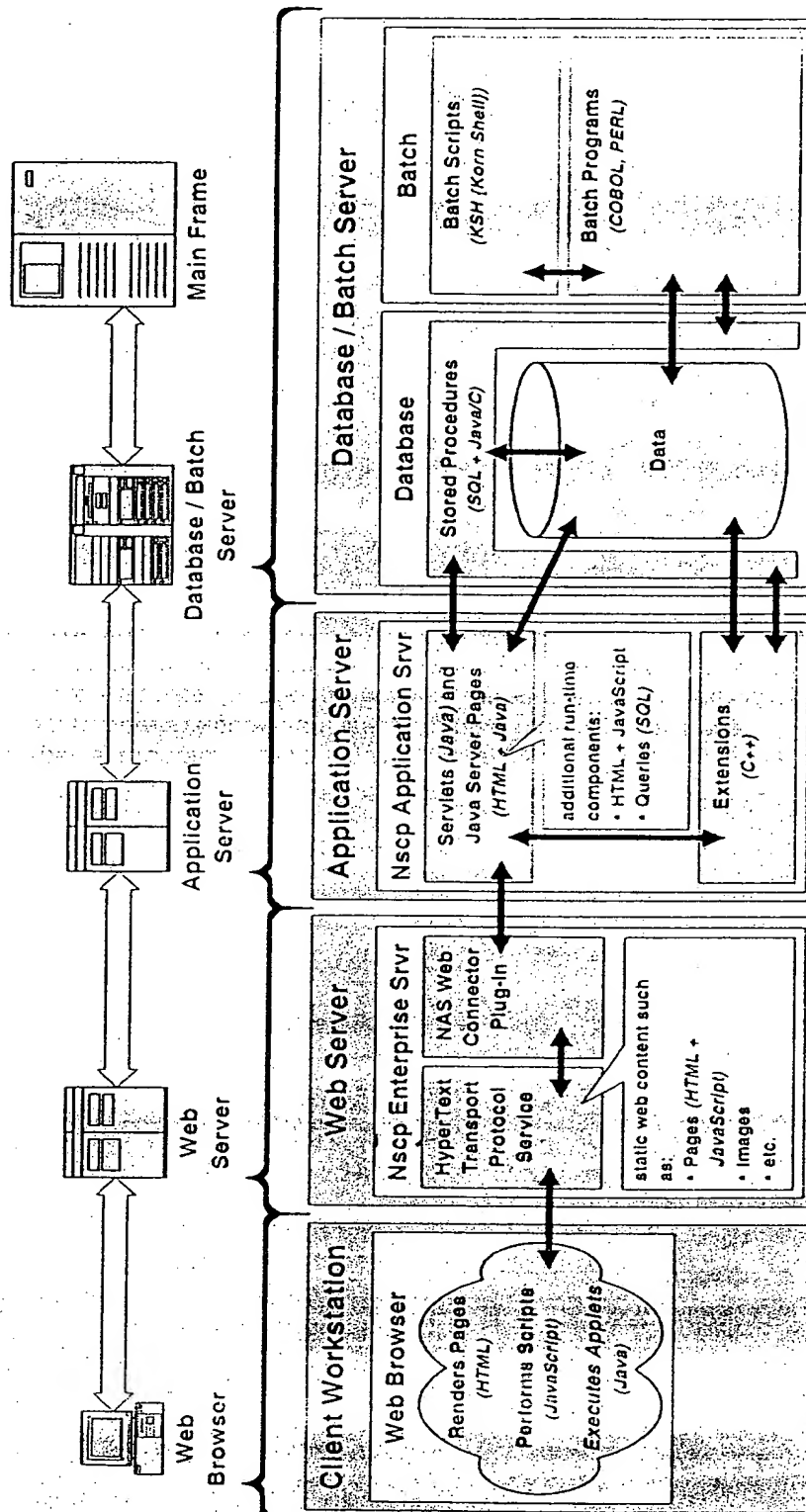
### Product Suite

The NAS product offerings include...

- Netscape Application Server (NAS) - a full-featured application server offering high performance, a high degree of fault tolerance and failure recovery, sophisticated session tracking, and dynamic statistics-based load balancing.
- Netscape Application Builder (NAB) - a graphical integrated development environment (IDE) for developing NAS application components for responding to page requests. These components include Java Servlets, SQL query modules, and JSPs. NAB facilitates building robust and fault tolerant applications to be deployed to a cluster of NAS servers.
- Netscape Extension Builder (NEB) - a graphical integrated development environment (IDE) for developing and deploying NAS extensions for providing additional core services to a NAS server.

## Component Overview Diagram

The ISM system consists of several components including host computers, operating systems, off-the-shelf application software, and custom designed software. The Component Overview Diagram illustrates these components.





## Component Definition

### Platforms

The ISM system employs multiple physical tiers: web client, web server, application server, database server, and database server. Each of these platforms provides specific services.

### Web Client (web browser)

The web client functions as the end-user interface for employer, applicant, and staff users. The web client presents a screen (web page) to the user and allows the user to interact with that screen - entering and changing data and activating controls such as submission buttons. The types of content to be handled by the web browser will be HTML documents with embedded images and JavaScript. The JavaScript provides for dynamic interaction with the web page within the web browser. The use of a web browser provides an open standards based interface and communication mechanism for interacting with the ISM system - those standards being HTML, JavaScript, and HTTP. The use of a web browser also eliminates the need for maintenance and distribution of specialized application client software.

### Internet

The communications network connecting the clients to the servers will be the IDES private intranet and the public Internet. The use of the public Internet assures broad accessibility of the ISM system by the potential employer and applicant users as well as IETC partner staff users.

### Web Server

The web server receives and responds to all requests from the web clients. Requests for static (fixed, not dynamically generated) content are handled by the web server directly. Requests for dynamically generated screens - screens containing information residing in the ISM database - will be forwarded to the application server. The use of a web server provides an open standards based communication mechanism to the ISM system from the client systems - that standard being the HTTP protocol.

### Application Server

The application server consists of off-the-shelf application server software and custom built application components. The application server provides the basic services for a high-volume, fault-tolerant, transaction based application and provides the environment in which the custom built application components run. The application components consist of application logic written in Java (Java Servlets), output templates written in HTML and Java (Java Server Pages) and possibly containing embedded JavaScript, query definitions written in SQL, and application server extensions written in C++.

### Database Server

The database server will consist of off-the-shelf data base server software and custom built stored procedures. The stored procedures will be written in SQL for the data manipulation and either Java, C, or COBOL for the application logic and flow scripting around the SQL.

### Batch Server

The batch server will be co-located on a single computer platform with the database server. The batch server will execute batch business processing - not directly interacting with an end user. The batch processing will be written using ksh (Korn Shell command language scripting), COBOL, and PERL.

## Programming Languages Used for ISM

The custom built application components of the ISM system will be built using several different languages. These languages are all based on open standards and are supported by a large talent pool within the computer industry at large in the U.S.A. Each language has specific strengths and shortcomings and are chosen for specific uses based on those features and based on the support for those languages within the different platform components of the ISM system. The remainder of this section describes these programming languages.

A table outlining what these components will be used for and where they will reside and execute follows this section.

### Programming Language Definitions

#### Java

Java is an open standards based language created and overseen by Sun Microsystems. According to Sun, Java is a "simple, object-oriented, distributed, interpreted, robust, secure, architecture neutral, portable, high performance, multithreaded, and dynamic language." The Java language has been ported to every major computer platform including Sun Solaris, Microsoft Windows 3.x/95/98/NT, Macintosh OS, and every major UNIX implementation. One of the design goals of the Java language is that programs written in Java on one platform will run correctly on all other platforms that support Java without re-writing or re-compiling that program. Normally, the goals of portability and speed of execution are mutually exclusive: achieving speed is usually accomplished by compiling the program to low level instructions directly executable by the computer's processor - this makes the resulting code run very fast but can not be run on any dissimilar platform; achieving portability is usually achieved by leaving the code in a platform neutral format which must be interpreted on each computer where it is executed. Java accomplishes its goals of being portable and fast by using a hybrid approach: the programs are compiled to byte codes which are interpreted by a special program called the Java Virtual Machine (JVM) which, in turn, executes the corresponding native instructions of the host computer. On most computer platforms, the Java byte codes have a direct correlation to native instructions and, therefore, the JVM can execute the instructions quickly.

Java can be used to build many types of programs including...

- Stand-alone application including an interactive graphical applications as well as back-end batch and network server programs
- The write-once-run-anywhere nature of Java makes it particularly useful on the Internet where many different computer and operating system types are used as platforms for web browser applications. A single Java application can be delivered to, and executed on, web browsers running on any of a large number of computer platforms. These web delivered Java programs which run within a web browser are called Applets. Compiled Java programs can be quite large and slow to retrieve over a slow Internet connection.
- Several other software manufacturers have added the ability to write custom embedded functions using the Java language, for example: DB2 UDB supports writing stored procedures in Java with embedded SQL; Oracle Application Server supports writing custom functionality using Java via their J/Web cartridge.
- The Netscape Application Server application architecture supports developing on-line application logic using Java.

#### JavaScript

JavaScript is a lightweight interpreted programming language with object-oriented capabilities. JavaScript is an open standards based language created by Netscape and controlled by the European Computer Manufacturers Association (ECMA), a European association for standardizing information and

communication systems. The general-purpose core of the language has been embedded in Netscape Navigator, Microsoft Internet Explorer, and other web browsers.

JavaScript allows executable content to be included in web pages. Embedded JavaScript can be used to control document appearance and content, control the browser, interact with HTML Forms, interact with the user, etc. For example, JavaScript can be used to perform validation of input fields on an HTML form before submitting the request to the web server. JavaScript scripts can also perform dynamic control of the web page within the web browser to provide functionality such as moving and layering page elements to create a tab screen effect and showing and hiding form controls to create a disabled/enabled effect.

JavaScript programs (scripts) are plain text and are interpreted (not compiled). As a result, these scripts execute slower but the JavaScript files tend to be small and easy to transmit to web browsers accessing the Internet through slow connections. An alternate to using JavaScript is to use another scripting language such as Microsoft's VBScript based on Microsoft's Visual Basic. A significant limitation of VBScript is that it can run only within Microsoft web browsers and it is not an open standard approved by any standards organization. Another choice is to use Java Applets. Java is an open standard and Java applets can run on most current web browsers but Applets tend to be much larger and, therefore, take longer to transmit over slow Internet connections and, therefore, should be used sparingly.

## HTML

HTML is an open standards based language for platform independent World Wide Web page layout description. The HTML standard is controlled by sub groups of the World Wide Web Consortium (W3C). HTML files are text based and tend to be small and easy to load over a slow connection to the Internet. The HTML standard continues to evolve with new features being added continually. As these new features are implemented and supported by the web browser manufacturers then content providers use those new features in their web pages. There is no other competing language for this purpose.

## SQL

Structured Query Language (SQL) is an open standards based language for Data Definition and Data Manipulation within relation database servers. SQL is supported by every major relational database vendor.

## C/C++

C is a general-purpose programming language which features economy of expression, modern control flow and data structures, and a rich set of operators. C is not a "very high level" language, nor a "big" one, and is not specialized to any particular area of application. But its absence of restrictions and its generality make it more convenient and effective for many tasks than some higher level languages. It has been closely associated with the UNIX system where it was developed, since both the system and most of the programs that run on it are written in C. The language, however, is not tied to any one operating system or machine; and although it has been called a "system programming language" because it is useful for writing compilers and operating systems, it has been used equally well to write major programs in many different domains. C is a relatively "low level" language in that it deals with the same sort of objects that most computers do, namely characters, numbers, and memory addresses making it more akin to assembler languages than to a higher level language such as COBOL. Due to the low level of the programming features supported by C/C++ these programs tend to be difficult to program, difficult to debug, and bugs can have more severe consequences. C also provides the fundamental control-flow constructs required for well structured programs. C++ is an object oriented enhancement of the C programming language. Both C and C++ were created by AT&T and have ANSI standards. Programs written in C/C++ are compiled to binary executable code capable of executing on

only the computer platform for which it was compiled. Due to the lower level of the programming and the fact that C/C++ is compiled, programs written in C++ have among the fastest execution times of any other programming language - other than assembler.

## COBOL

COBOL (COmmon Business Oriented Language) is one of the most widely used programming languages for business applications in the world. It is particularly well suited to record processing and financial business processing. COBOL has an ANSI standard. COBOL provides a higher level of programming than does C/C++ and does not allow the developer to perform direct manipulation of the underlying computer platform. As such, these programs tend to not exhibit the same bug severity as do programs written in a lower level language but also are a poor choice for doing system service level development.

## PERL

PERL (Practical Extraction and Reporting Language) is a commercially-supported cross-platform general purpose scripting language invented in 1987 by Larry Wall. Perl has become the language of choice for World Wide Web development, text processing, Internet services, mail filtering, systems administration, and many other tasks requiring portable and easily-developed solutions. It is commonly used for job control scripting to function as the "glue" for connecting applications that normally would not talk to one another. Perl programs are interpreted and, therefore, can run on many different platforms without modification. Perl is also secure, object-oriented, robust, easy to learn and use, concise, and flexible.

## KSH

The Korn Shell is one of the standard command interfaces for UNIX systems. The Korn Shell also allows for the execution of scripts built using the Korn Shell command language features. Such scripts can be full fledged programs but are often used as job control "wrappers" performing job setup, invoking executable programs, and performing job clean-up much like JCL are used on the main frame.

**Component / Language / Platform Matrix**

The following table details the various languages used, the type of application components built using them, when these components are deployed and stored, and where these components eventually are executed in the course of handling a client transaction.

Language	ISM Purpose	Where Stored	Where Executed
Java	On-line, transaction based application logic implemented as Java Servlets and Java Server Pages within the application server.	application server	application server
	Applets: Complex graphical presentation and user interaction within web pages. Due to the larger size of applets and the longer loading time over slow Internet connections, applets will be used only on an as-needed basis.	web server	web browser
* - only one of Java, C, COBOL will be used for stored procedures.	Scripting / Logic processing within a DB2 Stored Procedure	database server	database server
JavaScript	Simple logic processing with a web page such as... 1) dynamic page manipulation such as showing and hiding content and form controls 2) verifying user data entry for completeness and validity before submitting the request	1) in separate JavaScript files and embedded in static HTML pages stored on the web server 2) embedded in output Java Server Pages stored on the application server	web browser
HTML	Static page - web page content and layout. May contain embedded JavaScript.	web server	web browser
	Java Server Pages used by the application server to prepare a web page in response to a request. The JSP may contain anything that is intended to be sent to the browser, including embedded JavaScript.	application server	1) used by application logic to generate dynamic pages 2) these generated pages are delivered to the web browser and rendered
SQL	Used directly by the application logic components within the application server to perform direct data queries against the database server.	application server	database server

Language	ISM Purpose	Where Stored	Where Executed
	Used directly by the batch logic components to perform direct data queries against the database server	batch server	database server
	Used within DB2 stored procedures to specify the data manipulation.	database server	database server
C++	Used to build NAS Extensions to extend the core functionality of the NAS server. Services to be provided include 1) error handling and notification 2) statistics gathering and monitoring 3) security rule enforcement	application server	application server
* - only one of Java, C, COBOL will be used for stored procedures.	Scripting / Logic processing within a DB2 Stored Procedure	database server	database server
COBOL	Batch programs executing business functions which access or manipulate the data within the ISM database. Examples include the various interfaces between the ISM System and main frame applications.	batch server	batch server
* - only one of Java, C, COBOL will be used for stored procedures.	Scripting / Logic processing within a DB2 Stored Procedure	database server	database server
PERL	Batch programs to perform various special purpose system support type operations such as parsing and reformatting files. This will be used on a limited basis.	batch server	batch server
KSH	KSH scripts will be used to control the execution of the COBOL and PERL batch programs much like JCL is used on the main frame. These scripts will perform operations such as job setup (such as copying and renaming files), program execution, return code status checking, and job clean-up.	batch server	batch server

\* DB2 UDB supports the use of Java, C/C++, and COBOL for developing stored procedures. Only one of those languages will be selected but that decision has not yet been made.

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Project Phase	January	April	1999 July	October	January	April
<b>Project Mgmt Tasks - PM Plan</b>						
<b>CSG Training &amp; Communications Managem</b>						
<b>CSG End User Training &amp; Procedures (EUT)</b>						
<b>CSG Communications &amp; Marketing (CM)</b>						
<b>Project Mgmt Tasks - Technical Team</b>						
<b>Conduct Design Validation</b>						
<b>Confirm Technical Architecture (CTA)</b>						
<b>Procure HW/SW for Development and Produ</b>						
<b>Develop User Interface Prototype</b>						
<b>Develop Application Architecture (DAA)</b>						
<b>Develop Data Architecture (DDA)</b>						
<b>Detail Design</b>						
<b>Acquire &amp; Install Technical Infrastructure (IT)</b>						
<b>Code/Unit Test Infrastructure</b>						
<b>Support Development and Testing</b>						
<b>Deployment</b>						
<b>Project Mgmt Tasks - Design Team</b>						
<b>Assist with Design Validation</b>						
<b>GUI Prototype (GP)</b>						
<b>Conduct Detailed Design</b>						
<b>Project Mgmt Tasks - AS Dev Team</b>						
<b>Code/Unit Test Startup</b>						
<b>Code/Unit Test</b>						
<b>Project Mgmt Tasks - BP Dev Team</b>						
<b>Code/Unit Test Startup</b>						
<b>Code/Unit Test</b>						
<b>Code/Unit Test</b>						
<b>Code/Unit Test</b>						
<b>Code/Unit Test</b>						
<b>Project Mgmt Tasks - Testing Team</b>						
<b>System Test Planning &amp; Execution (ST)</b>						
<b>User Acceptance Testing (AT)</b>						
<b>Deployment (DEP) Project Plan</b>						
<b>Production Support (PS)</b>						

06/22/2005

ISM High-Level Project Schedule

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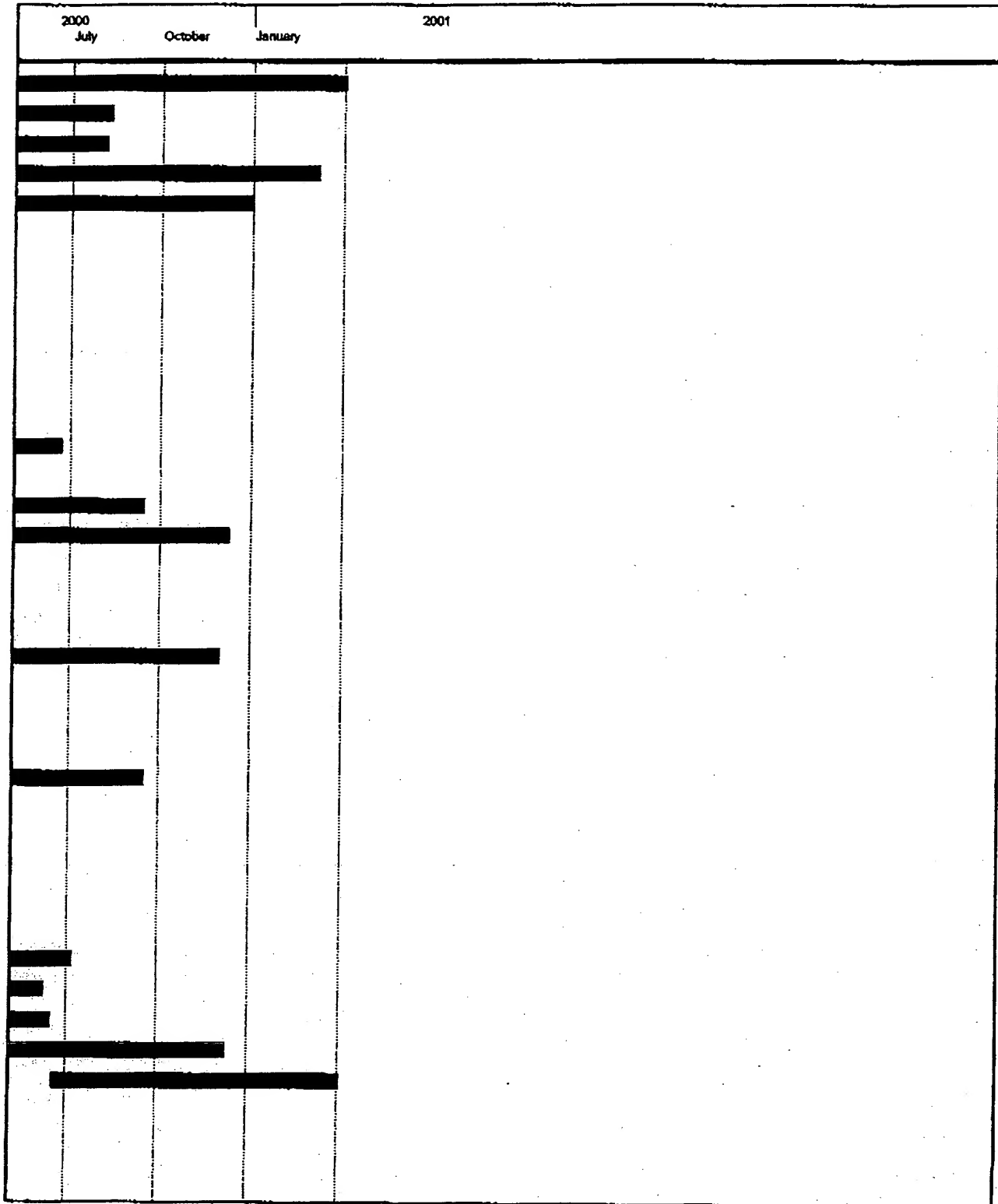




Exhibit "C"



ism\_proj

IDES ISM Project	#####	RETRO				April 20015					
Today's Date:											
Project as of Date:											
Name	Status	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance			
<b>Project Mgmt Tasks - PM Plan</b>											
<b>Project Management</b>											
Weekly Status Issues Meetings (4 hrs max/week)	Cmpl	02/05/1999 12/29/2000	02/05/1999 04/02/2001	TL	312.0	0.0	312.0	8.0			
Manage Team	Cmpl	02/05/1999 12/29/2000	02/05/1999 12/29/2000	TL	746.0	0.0	746.0	-26.0			
<b>Project Initiation</b>											
MJR - Begin ISM Project	Cmpl			PS 01/26/1999 SG							
Orientation	Cmpl	01/26/1999 02/08/1999	01/26/1999 02/08/1999	TL	24.0	0.0	24.0	0.0			
Develop Orientation Guide	Cmpl	04/01/1999 04/29/1999	04/01/1999 06/21/1999	TL	24.0	0.0	8.0	16.0			
Establish Project Org Chart	Cmpl	02/01/1999 02/22/1999	02/01/1999 02/22/1999	TL	24.0	0.0	24.0	0.0			
Establish Communications Plan	Cmpl	02/01/1999 02/22/1999	02/01/1999 02/22/1999	TL	16.0	0.0	16.0	0.0			
Prepare Project Expectations	Cmpl	03/15/1999 05/28/1999	03/15/1999 06/04/1999	TL	16.0	0.0	6.0	10.0			
Develop Macro Level Project Plan	Cmpl	02/01/1999 03/01/1999	02/01/1999 03/01/1999	TL	16.0	0.0	16.0	0.0			
Complete Project Master Plan	Cmpl	02/05/1999 02/26/1999	02/05/1999 02/26/1999	TL	24.0	0.0	24.0	0.0			
Obtain Agreement to Master Plan	Cmpl	02/26/1999 03/12/1999	02/26/1999 03/12/1999	TL	8.0	0.0	8.0	0.0			
Develop Detailed Project Plan	Cmpl	02/12/1999 04/01/1999	02/12/1999 04/01/1999	TL	96.0	0.0	96.0	0.0			
<b>Project Control</b>											
Collect and Review Project Data	Cmpl	02/01/1999	02/01/1999	TL	180.0	0.0	69.5	110.5			

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IDES ISM Project	#####	R E T R O				April 2001 15				
Today's Date:	Status		Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance	
Project as of Date:										
Name										
Post Actuals and Calculate Variances	Cmpl		12/29/2000 02/01/1999	12/29/2000 02/01/1999	TL 180.0	176.0	0.0	176.0	4.0	
Evaluate Project Status	Cmpl		12/29/2000 02/01/1999	12/29/2000 02/01/1999	TL 180.0	70.0	0.0	70.0	110.0	
Collect and Review Project Data	Cmpl		12/29/2000 08/09/1999	12/29/2000 08/09/1999	TL TL	110.0	0.0	110.0	-110.0	
Evaluate Project Status	Cmpl		12/29/2000 08/09/1999	12/29/2000 08/09/1999	TL TL	110.0	0.0	110.0	-110.0	
Resolve Variances and Address Problems	Cmpl		12/29/2000 08/09/1999	12/29/2000 08/09/1999	TL TL	371.0	0.0	371.0	-371.0	
Control Issues and Changes	Cmpl		12/29/2000 08/09/1999	12/29/2000 08/09/1999	TL TL	204.0	0.0	204.0	-204.0	
Resolve Variances and Address Problems	Cmpl		02/01/1999 12/29/2000	02/01/1999 12/29/2000	TL 618.0	104.1	0.0	104.1	513.9	
Control Issues and Changes	Cmpl		02/01/1999 12/29/2000	01/11/2001 12/29/2000	TL 400.0	83.6	0.0	83.6	316.4	
Manage Acceptance of Deliverables	Cmpl		12/29/2000 04/05/1999	12/29/2000 04/05/1999	TL 240.0	280.0	0.0	280.0	-40.0	
Keep Project Master Plan Up to Date	Cmpl		12/29/2000 04/05/1999	12/29/2000 04/05/1999	TL 320.0	212.0	0.0	212.0	108.0	
Update Project Plan	Cmpl		12/29/2000 06/07/1999	12/29/2000 06/07/1999	ET ET	173.0	0.0	173.0	-173.0	
Variance Analysis	Cmpl		12/29/2000 06/07/1999	12/29/2000 06/07/1999	ET ET	74.0	0.0	74.0	-74.0	
Reserve for Project Tasks	Cmpl		05/03/1999 10/31/2000	05/03/1999 10/31/2000	TL 1,974.0	0.0	0.0	0.0	1,974.0	
Project Completion										
Obtain Project Acceptance	Cmpl		06/05/2000 09/13/2000	06/05/2000 09/13/2000	TL 40.0	20.0	0.0	20.0	20.0	
Develop Project Close-Down Plan	Cmpl		07/03/2000 10/27/2000	07/03/2000 10/27/2000	TL 80.0	40.0	0.0	40.0	40.0	

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IDES ISM Project		#####	R	E	T	R	O	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	April 2005 15	Total Actual Hours	ETC	Total	Variance
Name		Status													
Today's Date:															
Project as of Date:															
Implement Project Close-Down Plan		Cmpl						10/30/2000 12/29/2000	09/01/2000 04/02/2001	80.0		98.0	0.0	98.0	-18.0
Gather Project Performance Statistics		Cmpl						10/30/2000 12/29/2000	10/02/2000 11/29/2000	40.0		20.0	0.0	20.0	20.0
Conduct Post-Project Review		Cmpl						12/04/2000 12/29/2000	10/16/2000 04/02/2001	40.0		18.5	0.0	18.5	21.5
Write Mid-Project Reviews		Cmpl						11/08/1999 12/03/1999	05/01/2000 10/09/2000	24.0		6.0	0.0	6.0	18.0
Write End of Project Reviews		Cmpl						10/02/2000 10/31/2000	01/02/2001 04/02/2001	24.0		0.0	0.0	0.0	24.0
Unplanned - Approved Hours for Un															
Reserve for Approved Out of Scope Tasks		Cmpl						11/03/1999 11/03/1999	03/02/2000 03/02/2000	1,950.0		0.0	0.0	0.0	1,950.0
CSG Training & Communication															
Project Management															
Weekly Status Issues Meetings, etc.		Cmpl						08/30/1999 10/27/2000	07/02/1999 09/05/2000	233.6		233.0	0.0	233.0	0.6
Create Plans - Procedures/Training and Marketing/C		Cmpl						11/01/1999 11/26/1999	11/01/1999 12/23/1999	70.0		70.0	0.0	70.0	0.0
Manage Marketing & Communications Team		Cmpl						11/05/1999 08/31/2000	11/29/1999 09/01/2000	165.0		92.0	0.0	92.0	73.0
Assist with drafting initial Procedures/ & Training appro		Cmpl							07/09/1999 08/02/1999	MM		25.0	0.0	25.0	-25.0
Manage Procedures & Training Team		Cmpl						09/27/1999 08/31/2000	09/27/1999 09/01/2000	610.0		590.0	0.0	590.0	20.0
Manage Plans - Procedures/Training & Communication		Cmpl						07/02/1999 08/31/2000	07/02/1999 09/01/2000	222.0		222.0	0.0	222.0	0.0
Create and Manage IDES Plan		Cmpl						02/07/2000 08/31/2000	02/07/2000 09/05/2000	120.0		113.0	0.0	113.0	7.0

IDES ISM Project		#####	R E T R O	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	April 2001 15	Total Actual Hours	ETC	Total	Variance
<b>CSG End User Training &amp; Proc</b>											
<b>CSG Start EUT Subphase</b>											
Review System Design	Cmpl			07/09/1999 10/01/1999	07/09/1999 10/01/1999	8.0		5.0	0.0	5.0	3.0
<b>Training Development and Delivery</b>											
Define Training Strategy/Plan	Cmpl			07/09/1999 11/12/1999	07/09/1999 11/12/1999			116.0	0.0	116.0	-116.0
Assess Training Requirements	Cmpl			08/30/1999 09/28/1999	07/16/1999 10/15/1999	40.0		52.5	0.0	52.5	-12.5
Create and Revise Training Database	Cmpl			04/03/2000 05/12/2000	04/14/2000 06/19/2000	120.0		120.0	0.0	120.0	0.0
Training Materials Review & Support	Cmpl			05/08/2000 06/12/2000	05/08/2000 07/14/2000	98.0		98.0	0.0	98.0	0.0
Manage Training Environment	Cmpl			05/12/2000 06/12/2000	06/12/2000 08/30/2000	60.0		110.0	0.0	110.0	-50.0
<b>Procedures Development</b>											
Create and Manage Procedures Inventory	Cmpl			11/05/1999 06/09/2000	11/05/1999 06/09/2000	60.0		150.0	0.0	150.0	-90.0
Assess Pilot Phase & Conversion	Cmpl				09/03/1999 07/10/2000			25.0	0.0	25.0	-25.0
<b>Conclude EUT Subphase</b>											
All Pre-Deploy/End User Training Completed	Cmpl			09/29/2000	08/31/2000						
<b>CSG Communications &amp; Marke</b>											
<b>Define Communications &amp; Marketing</b>											
Define Communications & Marketing Strategy	Cmpl			10/04/1999 11/12/1999	07/09/1999 11/12/1999	60.0		65.0	0.0	65.0	-5.0

IDES ISM Project		#####	R	E	T	R	O	Actual Start / End	Baseline Start / End	Assn: Baseline Estimate	April 2000 15	ETC	Total Actual Hours	Variance
Name	Status	#####	R	E	T	R	O	Actual Start / End	Baseline Start / End	Assn: Baseline Estimate	April 2000 15	ETC	Total Actual Hours	Variance
<b>Support Marketing and Communication</b>														
Unplanned - Prepare for One America Conference, 8/12-8/23	Cmpl							07/23/1999 AL 12/08/1999 LL1 CY				46.0	0.0	-46.0
Unplanned - Prepare/Attend State Fair, 8/12-8/23	Cmpl							07/16/1999 LL1 09/14/1999 AL CY				99.0	0.0	-99.0
								MM MZ MC				141.0	0.0	-141.0
								BP				112.0	0.0	-112.0
Unplanned - Preparation for Lombard IWIB Meeting, Cmpl								08/12/1999 AL				25.0	0.0	-25.0
Unplanned - Prepare/Attend Mayor Sr. Staff Mtg, 8/2 Cmpl								08/16/1999 MZ 08/23/1999 TL 08/23/1999 CY				4.0	0.0	-4.0
Assist with setting up Powerpoint for Pres. Cmpl								09/24/1999 AL 11/04/1999				32.0	0.0	-32.0
Prepare/Attend Presentations Cmpl								09/27/1999 CY	192.2			116.0	0.0	76.2
Prepare/Conduct Presentations Cmpl								09/01/2000 03/15/2000 04/02/2001	80.0			64.0	0.0	16.0
Present ISM in Springfield to Employers/Educators - Cmpl								12/21/1999 TL 12/21/1999 CY 12/23/1999 TL 12/23/1999 CY				8.0	0.0	-8.0
Present ISM at Mayor's Office - 12/23 Cmpl												8.0	0.0	-8.0
												4.0	0.0	-4.0
												4.0	0.0	-4.0
<b>Project Mgmt Tasks - Technical</b>														
<b>Project Management &amp; Control</b>														
Weekly Status Issues Meetings (4 hrs max/week) Cmpl								02/01/1999 BK 02/09/2000 TS AB LL	352.0			236.0	0.0	116.0
									238.0			86.0	0.0	152.0
									273.0			82.0	0.0	191.0
									332.0			134.0	0.0	198.0

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IDES ISM Project		R E T R O		Actual Start / End		Baseline Start / End		Assn: Baseline Estimate		April 2001 15	Total Actual Hours		ETC		Total		Variance								
Today's Date: Project as of Date:		#####		Status		Cmpl		Weekly Status, Issues, Meetings		MC		302.0		09/24/1999 07/17/2000		RC DH		262.0 53.0 0.0		0.0 0.0 0.0		262.0 53.0 0.0		40.0 -53.0 0.0	
Maintain Detailed Work Plan		Cmpl		Cmpl		Cmpl		Cmpl		MC		296.0		04/05/1999 06/30/2000		TC		228.0		0.0		228.0		68.0	
Weekly Status, Issues, etc.		Cmpl		Cmpl		Cmpl		Cmpl		MC		20.0		04/24/2000 06/30/2000		GR		20.0		0.0		20.0		0.0	
Weekly Status, Issues, etc.		Cmpl		Cmpl		Cmpl		Cmpl		MC		20.0		04/24/2000 06/30/2000		CJ		12.0		0.0		12.0		-12.0	
Weekly Status, Issues, etc.		Cmpl		Cmpl		Cmpl		Cmpl		MC		15.0		05/15/2000 06/30/2000		AF		15.0		0.0		15.0		-15.0	
Manage Team		Cmpl		Cmpl		Cmpl		Cmpl		MC		618.9		02/12/1999 08/31/2000		MC		636.0		0.0		636.0		-17.1	
Resolve Variances and Address Problems		Cmpl		Cmpl		Cmpl		Cmpl		MC		296.0		04/05/1999 06/30/2000		BK		56.0		0.0		56.0		240.0	
Manage Issues and Changes		Cmpl		Cmpl		Cmpl		Cmpl		MC		0.0		02/05/1999 08/04/2000		MC		115.0		0.0		115.0		-115.0	
Reserve for Technical Team Tasks		Cmpl		Cmpl		Cmpl		Cmpl		MC		676.0		04/05/1999 06/30/2000		MC		390.0		0.0		390.0		286.0	
Design Change Analysis		Cmpl		Cmpl		Cmpl		Cmpl		MC		305.0		04/05/1999 06/30/2000		MC		0.0		0.0		0.0		305.0	
Manage/Acceptance of Deliverables		Cmpl		Cmpl		Cmpl		Cmpl		MC		46.0		02/22/1999 04/14/2000		LL		29.0		0.0		29.0		17.0	
Write First Team Member Reviews		Cmpl		Cmpl		Cmpl		Cmpl		MC		42.0		07/28/2000 11/15/1999		MC		29.0		0.0		29.0		13.0	
Write Final Team Member Reviews		Cmpl		Cmpl		Cmpl		Cmpl		MC		46.0		01/07/2000 05/30/2000		MC		46.0		0.0		46.0		0.0	
Project Orientation		Cmpl		Cmpl		Cmpl		Cmpl		MC		8.0		04/19/1999 06/16/2000		TS		3.0		0.0		3.0		37.0	
		Cmpl		Cmpl		Cmpl		Cmpl		MC		88.0		04/19/1999 06/16/2000		MC		47.0		0.0		47.0		16.0	
		Cmpl		Cmpl		Cmpl		Cmpl		MC		12.0		07/28/2000 11/15/1999		MC		28.0		0.0		28.0		60.0	
		Cmpl		Cmpl		Cmpl		Cmpl		MC		12.0		01/07/2000 05/30/2000		MC		12.0		0.0		12.0		0.0	
		Cmpl		Cmpl		Cmpl		Cmpl		MC		8.0		04/05/1999 04/09/1999		TS		8.0		0.0		8.0		0.0	

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IDES ISM Project	#####	R E T R O				April 2001 15				
Today's Date: Project as of Date:										
Name	Status		Baseline Start / End	Actual Start / End	Assn: Baseline Estimate		Total Actual Hours	ETC	Total	Variance
Project Orientation	Cmpl			09/07/1999: AB 10/18/1999: TS RC DH 07/01/1999: MC 12/17/1999: LL TS			0.0 6.0 16.0 16.0 18.0 12.0 81.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 6.0 16.0 16.0 18.0 12.0 81.0	0.0 -6.0 -16.0 -16.0 -18.0 -12.0 -81.0
Analysis for Disabled Access Issue (#10)	Cmpl									
Project Initiation										
Project Start-Up / Orientation	Cmpl		01/27/1999 02/12/1999	01/27/1999: BK 02/12/1999: AB LL MC 02/01/1999: MC 02/26/1999: LL	16.0 10.0 16.0 13.0 0.0 9.0		16.0 10.0 16.0 13.0 0.0 9.0	0.0 0.0 0.0 0.0 0.0 0.0	16.0 10.0 16.0 13.0 0.0 9.0	0.0 0.0 0.0 0.0 0.0 0.0
Refine Architecture Deliverables	Cmpl		02/01/1999 02/26/1999	02/01/1999: AB 02/26/1999: BK LL MC 02/01/1999: AB 02/26/1999: BK LL MC 02/01/1999: AB 02/12/1999: LL	16.0 14.0 0.0 20.0 24.0 16.0 4.0 0.0 10.0 4.0		16.0 14.0 0.0 20.0 24.0 16.0 4.0 0.0 10.0 4.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	16.0 14.0 0.0 20.0 24.0 16.0 4.0 0.0 10.0 4.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Develop Architecture Milestones	Cmpl		02/01/1999 02/26/1999	02/01/1999: AB 02/26/1999: BK LL MC 02/01/1999: AB 02/12/1999: LL	16.0 14.0 0.0 20.0 24.0 16.0 4.0 0.0 10.0 4.0		16.0 14.0 0.0 20.0 24.0 16.0 4.0 0.0 10.0 4.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	16.0 14.0 0.0 20.0 24.0 16.0 4.0 0.0 10.0 4.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Procure Initial Tools	Cmpl		02/01/1999 02/12/1999	02/01/1999: AB 02/12/1999: LL	16.0 4.0 0.0 10.0 4.0		16.0 4.0 0.0 10.0 4.0	0.0 0.0 0.0 0.0 0.0	16.0 4.0 0.0 10.0 4.0	0.0 0.0 0.0 0.0 0.0
Prepare Team Member Expectations	Cmpl		04/05/1999 04/09/1999	04/05/1999: MC 04/19/1999: MC	80.0		82.0	0.0	82.0	-2.0
Develop Detailed WorkPlan	Cmpl		02/15/1999 04/02/1999	02/15/1999: MC 04/02/1999: MC	80.0		82.0	0.0	82.0	-2.0
Project Training										
Develop Project Training Plan	Cmpl			07/12/1999: AB 07/23/1999: TS LL MC			3.0 3.0 3.0 3.0	0.0 0.0 0.0 0.0	3.0 3.0 3.0 3.0	-3.0 -3.0 -3.0 -3.0



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IDES ISM Project	#####	R E T R O				April 2001					
Today's Date:	Status		Actual Start / End	Baseline Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance	
Project as of Date:											
Name											
NonBill - DB2 UDB Training	Cmpl			06/14/1999	12/06/1999	RC	40.0	0.0	40.0	-40.0	
NonBill - Sun Solaris Training	Cmpl			06/25/1999	01/03/2000	DH	40.0	0.0	40.0	-40.0	
NonBill - Sun Solaris Administration Training	Cmpl			08/30/1999	01/17/2000	DH	40.0	0.0	40.0	-40.0	
NonBill - Sun Solaris Administration	Cmpl			09/10/1999	01/21/2000	DH	40.0	0.0	40.0	-40.0	
Tools Training	Cmpl			09/07/1999	09/13/1999	TS	40.0	0.0	40.0	-40.0	
NonBill - DB2 UDB EEE Administration Training	Cmpl			09/07/1999	07/19/1999	TS	40.0	0.0	40.0	-40.0	
Tools Training	Cmpl			10/01/1999	07/23/1999	TS	40.0	0.0	40.0	-40.0	
Review Project Standards with Developers	Cmpl			05/03/1999	01/22/2001	MC	40.0	0.0	40.0	0.0	
Review Project Standards with Developers	Cmpl			05/28/1999	01/26/2001	AB	40.0	0.0	40.0	0.0	
Training Sessions for IDES staff	Cmpl			09/07/1999	10/04/1999	AB	40.0	0.0	40.0	0.0	
IETC Office Visit	Cmpl			10/01/1999	10/08/1999	MC	40.0	0.0	40.0	0.0	
Communicate Tech. and Appl. Architecture to Developers	Cmpl			05/03/1999	01/22/2001	MC	40.0	0.0	40.0	0.0	
Prepare Online and Server Side Ori	Cmpl			05/03/1999	01/26/2001	CJ	8.0	0.0	8.0	-8.0	
Organize Class Material - NAB, NAS	Cmpl			05/28/1999	07/23/1999	BK	8.0	0.0	8.0	8.0	
Organize Class Material - DB2	Cmpl			09/07/1999	11/01/1999	CJ	0.0	0.0	0.0	0.0	
Organize Class Material - Visual Cafe	Cmpl			10/01/1999	11/29/1999	BK	8.0	0.0	8.0	8.0	
Organize Class Material - Online Architecture	Cmpl			02/19/1999	02/19/1999	MC	4.0	0.0	4.0	0.0	
	Cmpl			03/12/1999	03/12/1999	LL	13.0	0.0	13.0	0.0	
	Cmpl			03/25/1999	03/25/1999	AB	3.0	0.0	3.0	0.0	
	Cmpl			03/25/1999	03/25/1999	BK	3.0	0.0	3.0	0.0	
	Cmpl			08/13/1999	08/13/1999	MC	3.0	0.0	3.0	0.0	
	Cmpl			12/30/1999	12/30/1999	LL	8.0	0.0	8.0	-8.0	
	Cmpl			10/28/1999	10/28/1999	LL	20.0	0.0	20.0	-20.0	
	Cmpl			11/05/1999	11/05/1999	AB	4.0	0.0	4.0	-4.0	
	Cmpl			10/25/1999	10/25/1999	AB	4.0	0.0	4.0	-4.0	
	Cmpl			11/01/1999	11/01/1999	JM	4.0	0.0	4.0	-4.0	
	Cmpl			07/28/1999	07/28/1999	JM	4.0	0.0	4.0	-4.0	
	Cmpl			11/05/1999	11/05/1999	CJ	22.0	0.0	22.0	-22.0	

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IDES ISM Project		April 2000 15									
Today's Date: Project as of Date:											
Name	Status	R E T R O	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance		
Conduct Online and Server Side Class		#####									
Prepare Client Side Training											
Organize Class Material - JavaScript and NetObjects		Cmpl		11/12/1999		2.0	0.0	2.0	-2.0		
Organize Class Material - Dynamic HTML and DreamCmpl				11/01/1999 CJ		1.0	0.0	1.0	-1.0		
Conduct Client Side Class				11/08/1999 JM		16.0	0.0	16.0	-16.0		
Prepare Batch Training						16.0	0.0	16.0	-16.0		
Organize Class Material - MicroFocus COBOL				11/15/1999 TS		0.0	0.0	0.0	0.0		
Organize Class Material - PVCS				12/13/1999		0.0	0.0	0.0	0.0		
Organize Class Material - COSBatch				11/15/1999 TS		3.0	0.0	3.0	-3.0		
Organize Class Material - ISM Batch Architecture				12/13/1999 LL		0.0	0.0	0.0	0.0		
Conduct Batch Class				11/22/1999 RC		1.0	0.0	1.0	-1.0		
Conduct Design Validation				11/29/1999		0.0	0.0	0.0	0.0		
Requirements Analysis				12/13/1999 MZ		0.0	0.0	0.0	0.0		
Review CSD/Prepare for Validation Sessions				12/17/1999 LL		0.0	0.0	0.0	0.0		
Conduct Initial Design Validation Sessions				RC		0.0	0.0	0.0	0.0		
				12/20/1999 MZ		0.0	0.0	0.0	0.0		
				12/27/1999 TS		0.0	0.0	0.0	0.0		
				11/19/1999 RC		5.0	0.0	5.0	-5.0		
				11/29/1999 BK		0.0	0.0	0.0	0.0		
				12/03/1999 MZ		0.0	0.0	0.0	0.0		
				12/13/1999 TS		0.0	0.0	0.0	0.0		
				RC		2.0	0.0	2.0	-2.0		
				BK		0.0	0.0	0.0	0.0		
						24.0	0.0	24.0	0.0		
				02/01/1999 AB		74.0	0.0	74.0	-10.0		
				04/02/1999 BK		8.0	0.0	8.0	0.0		
				02/12/1999 MC							

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IDES ISM Project		#####	R E T R O	Baseline Start / End	Actual Start / End	Assn Baseline Estimate	April 200 15	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:											
Name		Status									
Update Requirements Documents		Cmpl		04/02/1999	06/11/1999	AB BK	50.0 68.0 104.0	53.0 84.0 186.0	0.0 0.0 0.0	53.0 84.0 186.0	-3.0 -16.0 -82.0
Conduct Final Design Validation Sessions		Cmpl		04/23/1999	06/01/1999	BK	48.0	0.0	0.0	0.0	48.0
Review Security Requirements		Cmpl		04/23/1999	04/05/1999	BK	8.0	8.0	0.0	8.0	0.0
Reserve for Design Validation		Cmpl		03/05/1999	03/05/1999	LL	40.0	0.0	0.0	0.0	40.0
All Field Review Packets have been sent to field		Cmpl		03/26/1999	04/12/1999	MC					
All Field Review Packets have been received from field		Cmpl		04/30/1999	04/30/1999	BK					
Conclude Design Validation Phase				04/05/1999	04/23/1999	BK					
Resolve Issues related to requirements		Cmpl		04/16/1999	04/30/1999						
Finalize Requirements Documents		Cmpl		04/19/1999	04/19/1999	BK	16.0	8.0	0.0	8.0	8.0
MJR - Design Validation Completed & Approved		Cmpl		04/30/1999	05/10/1999	BK	16.0	4.0	0.0	4.0	12.0
Confirm Technical Architecture				04/30/1999	05/17/1999	BK					
Conduct Tech Requirements Analysis				04/30/1999	04/30/1999	LB					
Determine Design Principles, Assumptions, Constraints		Cmpl		02/12/1999	02/12/1999	BK	4.0	4.0	0.0	4.0	0.0
Determine Service Requirements		Cmpl		03/05/1999	03/05/1999	AB	6.0	6.0	0.0	6.0	0.0
Determine Transaction Volumes		Cmpl		02/22/1999	02/22/1999	MC	9.0	9.0	0.0	9.0	0.0
				02/22/1999	02/22/1999	LL	8.0	8.0	0.0	8.0	0.0
				04/02/1999	04/02/1999	AB	2.0	2.0	0.0	2.0	0.0
				04/02/1999	04/02/1999	MC	4.0	4.0	0.0	4.0	0.0
				02/22/1999	02/22/1999	LL	4.0	4.0	0.0	4.0	0.0
				02/22/1999	02/22/1999	BK	4.0	4.0	0.0	4.0	0.0

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IDES ISM Project	#####	RETRO				April 2001					
Today's Date:											
Project as of Date:											
Name	Status	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance			
Document Performance Engineering Model	Cmpl	04/02/1999 02/12/1999 04/23/1999	04/02/1999 02/12/1999 04/23/1999	AB LL LL	26.0 24.0	0.0 0.0	26.0 24.0	0.0 0.0			
Determine Security Requirements (incl DB)	Cmpl	02/22/1999 04/02/1999	02/22/1999 04/02/1999	AB MC	0.0 2.0	0.0 0.0	0.0 2.0	0.0 0.0			
Estimate Impact on IDES/CMS Network	Cmpl	02/26/1999 04/09/1999	02/26/1999 04/09/1999	BK LL	4.0 14.0	0.0 0.0	4.0 14.0	0.0 0.0			
Document Service Levels	Cmpl	06/11/1999 05/03/1999 06/11/1999	06/11/1999 05/03/1999 06/11/1999	LL LL	3.0 16.0	0.0 0.0	3.0 16.0	3.0 -16.0			
Create Short List of HW/SW Compo											
Web Browser Research	Cmpl	02/05/1999 03/29/1999	02/05/1999 03/29/1999	LL	25.0	0.0	25.0	0.0			
Web Server Vendor Research	Cmpl	02/01/1999 03/29/1999	02/01/1999 03/29/1999	LL	10.0	0.0	10.0	0.0			
Application Server Vendor Research	Cmpl	02/01/1999 03/29/1999	02/01/1999 03/29/1999	LL	19.0	0.0	19.0	0.0			
Database Software Vendor Research	Cmpl	02/01/1999 03/29/1999	02/01/1999 03/29/1999	LL	3.0	0.0	3.0	0.0			
Hardware Vendor Research	Cmpl	03/29/1999 02/01/1999 03/29/1999	03/29/1999 02/01/1999 03/29/1999	AB MG MC	42.0 3.0 2.0	0.0 0.0 0.0	42.0 3.0 2.0	0.0 0.0 0.0			
System Admin/Ops Vendor Research	Cmpl	02/01/1999 03/29/1999	02/01/1999 03/29/1999	AB LL	16.0 25.0	0.0 0.0	16.0 25.0	0.0 0.0			
Create Short List of HW/SW Products	Cmpl	02/19/1999 03/26/1999	02/19/1999 03/26/1999	MG AB	2.0 20.0	0.0 0.0	2.0 20.0	0.0 0.0			
Develop Cost Estimates	Cmpl	03/01/1999 03/29/1999 02/19/1999 03/26/1999	03/01/1999 03/29/1999 02/19/1999 03/26/1999	AB MG LL	4.0 14.0 5.0 16.0	0.0 0.0 0.0 0.0	4.0 14.0 5.0 16.0	0.0 0.0 0.0 0.0			
Present Overview of Products/Approach to Sponsors	Cmpl	03/26/1999	03/26/1999	LL	6.0	0.0	6.0	0.0			

IDES ISM Project	#####	R E T R O	Status	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 2001	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:								15				
Name												
Prepare Presentation of Configurations to Sponsors	Cmpl			03/08/1999 03/29/1999	03/08/1999 03/29/1999	AB MG MC LL	13.0 24.0 4.0 43.0		13.0 24.0 4.0 43.0	0.0 0.0 0.0 0.0	13.0 24.0 4.0 43.0	0.0 0.0 0.0 0.0
Determine Development & Productio												
Construct Development Environment Recommendation	Cmpl			03/08/1999 04/16/1999	03/08/1999 04/26/1999	MG	48.0		48.0	0.0	48.0	0.0
Develop Conceptual TI Diagram for RFP	Cmpl			04/05/1999 04/16/1999	04/05/1999 04/16/1999	AB LL	4.0 4.0		0.0 1.0	0.0 0.0	0.0 1.0	4.0 3.0
Develop Conceptual Migration/Deployment Diagram	Cmpl			04/05/1999 04/16/1999	04/05/1999 04/19/1999	AB LL	4.0 4.0		0.0 4.0	0.0 0.0	0.0 4.0	4.0 0.0
Review & Approve Proposed Archite												
Review Tech Arch with Design Advisory Group	Cmpl			03/15/1999 03/29/1999	03/15/1999 03/29/1999	WB SG2 AB MC MG LL	5.0 3.0 9.0 9.0 9.0 5.0		5.0 3.0 9.0 9.0 9.0 5.0	0.0 0.0 0.0 0.0 0.0 0.0	5.0 3.0 9.0 9.0 9.0 5.0	0.0 0.0 0.0 0.0 0.0 0.0
Conduct Tech Arch Review Session (w/ Sponsors)	Cmpl			03/26/1999 04/16/1999	03/26/1999 04/16/1999	MC AB MG LL	2.0 2.0 2.0 2.0		2.0 2.0 2.0 2.0	0.0 0.0 0.0 0.0	2.0 2.0 2.0 2.0	0.0 0.0 0.0 0.0
Review Production/Development Proposals with Spo	Cmpl			04/05/1999 04/16/1999	04/05/1999 06/11/1999	MC AB LL	2.0 2.0 2.0		0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	2.0 2.0 2.0
Conduct Network Impact Review with IDES and CMS	Cmpl			04/05/1999 04/16/1999	04/05/1999 07/19/1999	TS MC LL	0.0 4.0 4.0		46.0 3.0 4.0	0.0 0.0 0.0	46.0 3.0 4.0	-46.0 1.0 -4.0
Prepare Presentation for the E-Team	Cmpl					TS MC AB			8.0 5.0 0.0	0.0 0.0 0.0	8.0 5.0 0.0	-8.0 -5.0 0.0
Prepare for and Review Technical Architecture with C	Cmpl					AB			0.0	0.0	0.0	0.0

IDES ISM Project		April 2001															
Today's Date: Project as of Date:		R E T R O		Status		#####		Actual Start / End		Assn: Baseline Estimate		Total Actual Hours		ETC Total		Variance	
Name																	
Review Architecture and Make Adjustments if Necessary		Cmpl						07/16/1999		TS		12.0		0.0		-12.0	
										LL		13.0		0.0		-13.0	
										MC		9.0		0.0		-9.0	
								04/26/1999		MG		4.0		0.0		-4.0	
								06/11/1999		TS		16.0		0.0		-16.0	
										AB		0.0		0.0		0.0	
										LL		15.0		0.0		-15.0	
										SG2		3.0		0.0		-3.0	
										MC		8.0		0.0		-8.0	
										AB							
								04/16/1999		LL		1.0		0.0		-1.0	
								06/11/1999		LL		11.0		0.0		-11.0	
								07/16/1999		CJ							
Enterprise Java Beans Research		Cmpl								SG							
Develop Procurement Request																	
Format RFP Documents		Cmpl						03/29/1999		MG		16.0		0.0		0.0	
								04/02/1999									
DB and other Hardware Requirements		Cmpl						03/29/1999		AB		8.0		0.0		-7.0	
								04/16/1999		MG		8.0		0.0		-8.0	
Networking Requirements		Cmpl						03/12/1999		TS		4.0		0.0		0.0	
								04/16/1999		LL		4.0		0.0		-11.0	
Web & Appl Server Software Requirements		Cmpl						03/12/1999		AB		8.0		0.0		8.0	
								04/16/1999		LL		8.0		0.0		0.0	
Database Server Software Requirements		Cmpl						03/29/1999		AB		8.0		0.0		-13.0	
								04/16/1999		MG		8.0		0.0		0.0	
Other Software Requirements		Cmpl						04/05/1999		AB		8.0		0.0		0.0	
								04/16/1999		LL		6.0		0.0		2.0	
Operations Requirements		Cmpl						03/29/1999		AB		4.0		0.0		4.0	
								04/16/1999		MG		16.0		0.0		-8.0	
Application Dev Software Requirements		Cmpl						04/05/1999		AB		0.0		0.0		4.0	

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IDES ISM Project		April 2001																	
Today's Date: Project as of Date:		R E T R O		Baseline Start / End		Actual Start / End		Assn; Baseline Estimate		Total Actual Hours		ETC		Total		Variance			
Name		Status		Baseline Start / End		Actual Start / End		Assn; Baseline Estimate		Total Actual Hours		ETC		Total		Variance			
Performance Load Generation, Monitoring, & Analysis		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		10.0		0.0		10.0		-6.0			
Vendor-provided Training Requirements		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		0.0		0.0		0.0		4.0			
Vendor Support Requirements		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		0.0		0.0		0.0		4.0			
Develop High Level Cost Estimate of 2nd Procurement		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		1.0		0.0		1.0		3.0			
Review Procurement Request with Sponsors		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		4.0		0.0		4.0		0.0			
Assist with Developing Procurement Request		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		4.0		0.0		4.0		0.0			
Assist with Developing Procurement Request		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		4.0		0.0		4.0		0.0			
Develop Cost Model		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		2.0		0.0		2.0		2.0			
Develop Server Hardware Requirements		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		0.0		0.0		0.0		4.0			
Develop Rack Plan and Diagram		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		4.0		0.0		4.0		0.0			
Develop Battery Backup Requirements		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		6.0		0.0		6.0		-6.0			
Reserve for Procurement Request		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		0.0		0.0		0.0		40.0			
Update Procurement Documents		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		4.0		0.0		4.0		-4.0			
Document Technical Architecture		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		8.0		0.0		8.0		-8.0			
Review and Update Technical Architecture Document		Cmpl		04/16/1999 04/05/1999		04/19/1999 04/05/1999		LL AB		4.0		0.0		4.0		-4.0			

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IDES ISM Project	#####	R E T R O				April 2001 15				
Today's Date: Project as of Date:										
Name	Status		Baseline Start / End	Actual Start / End	Assn/ Baseline Estimate		Total Actual Hours	ETC	Total	Variance
Locations and Users	Cmpl						13.0	0.0	13.0	-13.0
Performance Engineering Document	Cmpl						12.0	0.0	12.0	-12.0
Conceptual System Diagram	Cmpl		04/19/1999 05/20/1999	04/19/1999 06/11/1999	TS LL	16.0	12.0	0.0	12.0	4.0
As-is Logical Network Diagram	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	TS LL	12.0	5.0	0.0	5.0	7.0
Logical Technical Diagram	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	TS LL	16.0	32.0	0.0	32.0	-16.0
Logical Node Diagram	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	TS LL	12.0	0.0	0.0	0.0	12.0
Logical Link Diagram	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	TS LL	16.0	14.0	0.0	14.0	2.0
Application Server Concept Diagram	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	TS LL	12.0	12.0	0.0	12.0	0.0
System Admin/Database Requirements	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	TS LL	16.0	20.0	0.0	20.0	-4.0
Preliminary System Admin/Operations Requirement	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	TS LL	12.0	12.0	0.0	12.0	0.0
Confirm Technical Architecture Subphase Complete	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	TS LL	16.0	0.0	0.0	0.0	16.0
Procure HW/SW for Developm	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	TS LL	12.0	2.0	0.0	2.0	10.0
Procure HW/SW	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	TS LL	16.0	16.0	0.0	16.0	0.0
Manage Procurement Process	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	TS LL	60.0	24.0	0.0	24.0	36.0
Support Procurement	Cmpl		04/19/1999 05/20/1999	04/19/1999 07/16/1999	MC	40.0	24.0	0.0	24.0	16.0



IDES ISM Project		April 2001											
Today's Date: Project as of Date:		15											
Name	Status	RETO	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance			
Support Procurement	Cmpl			06/25/1999 12/10/1999	TS		61.0	0.0	61.0	-61.0			
Procurement Milestones													
Decision Memorandum to the Director (10m Revane)	Cmpl		04/09/1999	07/30/1999	MC								
MJR - Procurement Request Ready to go to Paulucci	Cmpl		04/16/1999	04/16/1999	SG								
					LL								
					MC								
					MG								
					AB								
					AB								
					LL								
					MC								
					MG								
					SG								
3 weeks at CMS to Post	Cmpl		04/26/1999	06/28/1999	SG	0.0	0.0	0.0	0.0	0.0			
2 weeks for bids due	Cmpl		05/14/1999	08/02/1999	MC	0.0	0.0	0.0	0.0	0.0			
1 week to evaluate bids (and get the Director's approval)	Cmpl		05/17/1999	08/02/1999	SG	0.0	0.0	0.0	0.0	0.0			
Evaluate Bids & Document Selection (orig 2 weeks)	Cmpl		05/28/1999	08/13/1999	MC	0.0	0.0	0.0	0.0	0.0			
			06/01/1999	08/16/1999	MC	0.0	0.0	0.0	0.0	0.0			
			06/11/1999	09/10/1999	SG	0.0	0.0	0.0	0.0	0.0			
			06/01/1999	08/16/1999	TS	32.0	0.0	0.0	0.0	32.0			
			06/11/1999	08/23/1999	MC	16.0	0.0	0.0	0.0	16.0			
					MG	8.0	0.0	0.0	0.0	8.0			
					AB	32.0	0.0	0.0	0.0	32.0			
					LL	32.0	0.0	0.0	0.0	28.0			
1 week for CMS to approve (orig 2 weeks)	Cmpl		06/14/1999	09/13/1999	SG	0.0	0.0	0.0	0.0	0.0			
2 weeks to post award (includes protest)	Cmpl		06/25/1999	09/28/1999	MC	0.0	0.0	0.0	0.0	0.0			
Contract concurrent with protest period (orig 1 week)	Cmpl		06/28/1999	09/28/1999	SG	0.0	0.0	0.0	0.0	0.0			
			07/12/1999	10/06/1999	MC	0.0	0.0	0.0	0.0	0.0			
			07/12/1999	09/28/1999	MC	0.0	0.0	0.0	0.0	0.0			
			07/16/1999	11/12/1999	SG	0.0	0.0	0.0	0.0	0.0			
					SG	0.0	0.0	0.0	0.0	0.0			

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Name		Status	RETO	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 2005 15	Total Actual Hours	ETC	Total	Variance
IDES ISM Project		#####										
Today's Date:												
Project as of Date:												
3 weeks for delivery of HW and SW		Cmpl		07/16/1999	11/12/1999	MC	0.0		0.0	0.0	0.0	0.0
MJR HW & SW Delivered by Vendors		Cmpl		07/19/1999	09/27/1999	SG	0.0		0.0	0.0	0.0	0.0
				07/30/1999	11/23/1999	MC						
				07/30/1999	11/23/1999	SG						
						MC						
Procure Tools and Utilities to Suppo												
Research Tools and Utilities		Cmpl		11/01/1999	05/14/1999	MG	0.0		8.0	0.0	8.0	-8.0
				12/17/1999	06/25/1999	TS	16.0		16.0	0.0	16.0	0.0
						AB	8.0		0.0	0.0	0.0	8.0
Prepare Recommendation		Cmpl		11/01/1999	05/14/1999	MG	0.0		16.0	0.0	16.0	-16.0
				12/17/1999	06/25/1999	TS	16.0		16.0	0.0	16.0	0.0
						AB	8.0		0.0	0.0	0.0	8.0
Review for Approval		Cmpl		11/01/1999	05/14/1999	MG	0.0		8.0	0.0	8.0	-8.0
				12/17/1999	06/25/1999	TS	16.0		6.0	0.0	6.0	10.0
						AB	8.0		0.0	0.0	0.0	8.0
Develop Procurement Request		Cmpl		11/01/1999	05/14/1999	LL	0.0		16.0	0.0	16.0	-16.0
				12/17/1999	06/25/1999	TS	16.0		34.0	0.0	34.0	-18.0
						AB	16.0		0.0	0.0	0.0	16.0
Tools and Utilities Procurement Mile												
Decision Memorandum to the Director (Tom Revate)		Cmpl		01/07/2000	01/07/2000	MC						
Procurement Request Ready to go to Paulucci		Cmpl		01/14/2000	01/14/2000	SG						
						MC						
						TS						
						AB						
						AB						
Procurement Request Ready to go to CMS		Cmpl		01/21/2000	01/21/2000	MC						
						TS						
						SG						
3 weeks at CMS to Post		Cmpl		01/24/2000	01/24/2000	SG	0.0		0.0	0.0	0.0	0.0
				02/11/2000	02/11/2000	MC	0.0		0.0	0.0	0.0	0.0
2 weeks for bids due		Cmpl		02/14/2000	02/14/2000	SG	0.0		0.0	0.0	0.0	0.0

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Name		Status	RETO	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 2005 15	Total Actual Hours	ETC	Total	Variance
IDES ISM Project		#####										
Today's Date:												
Project as of Date:												
2 weeks to evaluate bids		Cmpl		02/25/2000	02/25/2000	MC	0.0		0.0	0.0	0.0	0.0
Evaluate Bids & Document Selection (2 wks)		Cmpl		02/28/2000	02/28/2000	MC	0.0		0.0	0.0	0.0	0.0
2 weeks for CMS to approve		Cmpl		03/10/2000	03/10/2000	SG	0.0		0.0	0.0	0.0	0.0
2 weeks to post award (includes protest)		Cmpl		02/28/2000	02/28/2000	AB	32.0		0.0	0.0	0.0	32.0
1 week to contract		Cmpl		03/10/2000	03/10/2000	MC	32.0		0.0	0.0	0.0	32.0
Approved Contracts with all SW Vendors		Cmpl		03/13/2000	03/13/2000	TS	32.0		0.0	0.0	0.0	32.0
2 weeks for delivery of Tools and Utilities		Cmpl		03/24/2000	03/24/2000	SG	0.0		0.0	0.0	0.0	0.0
Tools and Utilities SW Delivered by Vendors		Cmpl		03/27/2000	03/27/2000	MC	0.0		0.0	0.0	0.0	0.0
Develop User Interface Prototyping Effort		Cmpl		04/07/2000	04/07/2000	MC	0.0		0.0	0.0	0.0	0.0
Support Prototyping Effort		Cmpl		04/10/2000	04/10/2000	MC	0.0		0.0	0.0	0.0	0.0
Develop and Refine Prototyping Standards		Cmpl		04/14/2000	04/14/2000	SG	0.0		0.0	0.0	0.0	0.0
Support Prototype Developers		Cmpl		04/14/2000	04/14/2000	SG	0.0		0.0	0.0	0.0	0.0
Unplanned - Tech support for extra prototype presentation		Cmpl		04/17/2000	04/17/2000	MC	0.0		0.0	0.0	0.0	0.0
Document Frequently Asked Questions		Cmpl		04/28/2000	04/28/2000	SG	0.0		0.0	0.0	0.0	0.0
Support State Fair Presentation		Cmpl		04/28/2000	04/28/2000	MC	0.0		0.0	0.0	0.0	0.0
Develop and Refine Prototyping Standards		Cmpl		03/01/1999	03/01/1999	LL	10.0		2.0	0.0	2.0	8.0
Support Prototype Developers		Cmpl		04/23/1999	06/18/1999	BK	40.0		45.0	0.0	45.0	-5.0
Unplanned - Tech support for extra prototype presentation		Cmpl		03/22/1999	06/07/1999	LL	20.0		16.0	0.0	16.0	4.0
Document Frequently Asked Questions		Cmpl		05/28/1999	05/07/1999	BK	32.0		32.0	0.0	32.0	-32.0
Support State Fair Presentation		Cmpl		07/16/1999	07/16/1999	MG	4.0		4.0	0.0	4.0	-4.0
Support State Fair Presentation		Cmpl		05/28/1999	05/28/1999	TS	12.0		12.0	0.0	12.0	-12.0
Support State Fair Presentation		Cmpl		07/30/1999	07/30/1999	LL	20.0		20.0	0.0	20.0	-20.0
Support State Fair Presentation		Cmpl		05/28/1999	05/28/1999	BK	4.0		4.0	0.0	4.0	-4.0

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IDES ISM Project		#####	R	E	T	R	O	April 2001 15							
Today's Date: Project as of Date:		Status						Assn	Baseline Estimate		ETC	Total Actual Hours	Total	Variance	
Name							Actual Start / End								
Unplanned - Tech support for State Fair Presentation		Cmpl						07/26/1999	TS			36.0	36.0	-36.0	
<b>Develop Application Architecture</b>							08/20/1999								
Start DAA Subphase		Cmpl						02/01/1999	LL	10.0		10.0	10.0	0.0	
Review Application Architecture							02/12/1999								
<b>Develop Web Site Architecture</b>		Cmpl						02/05/1999	BK	38.0		38.0	38.0	0.0	
Web Site Vision/Look&Feel							03/12/1999								
Content & Functionality, Goals, Target Audience		Cmpl						02/12/1999	LL	4.0		4.0	4.0	0.0	
							03/26/1999	BK	0.0	0.0		0.0	0.0	0.0	
<b>Organization Navigation Labeling, Searching System</b>		Cmpl						02/12/1999	TS	0.0		7.0	7.0	-7.0	
							04/09/1999	BK	8.0	8.0		0.0	0.0	-8.0	
<b>Document Web Site Architecture</b>		Cmpl						03/29/1999	LL	4.0		4.0	4.0	0.0	
							04/16/1999	TS	0.0	0.0		6.0	6.0	-6.0	
<b>Approved Web Site Architecture</b>		Cmpl						04/16/1999	MG	0.0		8.0	8.0	-8.0	
							09/27/1999	BK	12.0	12.0		0.0	0.0	12.0	
<b>Develop Application Architecture Mo</b>		Cmpl						08/02/1999	TS			41.0	41.0	-41.0	
Develop and Document Application Architecture							08/20/1999								
<b>Develop and document Application Infrastructure Arc</b>		Cmpl						05/07/1999	TS			8.0	8.0	-8.0	
							09/03/1999	LL				87.0	87.0	-87.0	
<b>Derive Program Inventory (including Common)</b>		Cmpl						05/03/1999	CJ	0.0		38.0	38.0	-38.0	
							10/25/1999	LL	16.0	16.0		2.0	2.0	14.0	
							07/02/1999	BK	80.0	80.0		74.0	74.0	6.0	
								AB	40.0	40.0		24.0	24.0	16.0	

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IDES ISM Project		Status		R E T R O		Baseline Start / End		Actual Start / End		Assn Baseline Estimate		April 2005		Total Actual Hours		ETC		Total		Variance	
Name		#####										15									
Approved Program Inventory		Cmpl				07/02/1999		10/15/1999		SG BK				8.0		0.0		8.0		-8.0	
System Flow Diagram		Cmpl				05/03/1999		05/03/1999		TS				0.0		0.0		0.0		0.0	
						07/09/1999		09/03/1999		CJ				0.0		0.0		0.0		0.0	
										LL				0.0		0.0		0.0		4.0	
High Level Storyboard		Cmpl				05/03/1999		05/03/1999		BK				12.0		0.0		0.0		12.0	
						07/09/1999		08/20/1999		LL				4.0		0.0		0.0		-4.0	
Appl Infrastructure Arch - Web/Browser Design Std		Cmpl				05/03/1999		05/03/1999		BK				16.0		0.0		0.0		16.0	
						07/09/1999		05/03/1999		TS				0.0		0.0		0.0		-8.0	
						07/09/1999		09/13/1999		LL				8.0		0.0		0.0		8.0	
										BK				16.0		0.0		0.0		16.0	
Appl Infrastructure Arch - Object Arch		Cmpl				05/03/1999		05/03/1999		TS				0.0		0.0		0.0		0.0	
						07/09/1999		09/03/1999		CJ				0.0		0.0		0.0		0.0	
										BK				64.0		0.0		64.0		-64.0	
										LL				0.0		0.0		0.0		64.0	
														24.0		0.0		24.0		-8.0	
Develop Security Architecture		Cmpl				05/03/1999		05/03/1999		TS				0.0		0.0		0.0		0.0	
						07/09/1999		11/01/1999		CJ				0.0		0.0		8.0		-8.0	
										AB				16.0		0.0		16.0		0.0	
										BK				16.0		0.0		10.0		6.0	
										LL				16.0		0.0		42.0		-26.0	
Create Application Development Standards		Cmpl				05/03/1999		05/03/1999		TS				0.0		0.0		0.0		0.0	
						07/09/1999		11/08/1999		CJ				0.0		0.0		20.0		-20.0	
										AB				16.0		0.0		16.0		0.0	
										LL				16.0		0.0		15.0		1.0	
										BK				15.0		0.0		15.0		33.0	
										LL				48.0		0.0		15.0		0.0	
Schedule time to review Application Architecture		Cmpl				06/04/1999		06/04/1999													
						06/11/1999		06/11/1999		TS				14.0		0.0		6.0		8.0	
						08/27/1999		09/27/1999		MG				8.0		0.0		8.0		0.0	
										AB				10.0		0.0		8.0		2.0	
										LL				10.0		0.0		0.0		10.0	
										BK				0.0		0.0		0.0		10.0	
														0.0		0.0		0.0		10.0	

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IDES ISM Project		April 2001									
Today's Date:											
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Name	#####	RETO	Actual Start / End	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance	
Approved Security Architecture	Cmpl		07/02/1999	07/02/1999	10/29/1999	SG BK AB MC LL SG LL BK					
Approved Application Architecture Model	Cmpl		07/02/1999	07/02/1999	09/27/1999	SG LL BK					
<b>Confirm Application Infrastructure A</b>											
Proof of Concept - NAS Extensions and Common Ob	Cmpl				07/06/1999	LL	18.0	0.0	18.0	-18.0	
Proof of Concept - DB2 UDB JAVA Stored Procedure	Cmpl				09/27/1999						
Proof of Concept - Client Side	Cmpl				07/06/1999	AB	35.0	0.0	35.0	-35.0	
Review Application Arch Work	Cmpl				09/27/1999	LL	15.0	0.0	15.0	-15.0	
					08/13/1999	LL	13.0	0.0	13.0	-13.0	
					09/10/1999						
					08/13/1999	LL	8.0	0.0	8.0	-8.0	
					09/10/1999						
<b>Conclude DAA Subphase</b>											
Develop Application Architecture Subphase	Cmpl		09/24/1999	09/24/1999	10/29/1999	MC BK LL					
<b>Develop Data Architecture (DD)</b>											
Start DDA Subphase	Cmpl		02/01/1999	02/12/1999	02/01/1999	AB	26.0	0.0	26.0	0.0	
Review Data Architecture Approach					02/12/1999						
Refine Logical Data Model	Cmpl				05/17/1999	BK	16.0	0.0	16.0	-16.0	
Assist with developing logical data model	Cmpl				06/18/1999						

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Today's Date: Project as of Date:		R E T R O		Status		#####		Baseline Start / End		Actual Start / End		Assn: Baseline Estimate		Total Actual Hours		ETC		Total		Variance	
Develop Initial Physical Data Model																					
Generate Initial Physical Data Model		Cmpl				07/12/1999		08/11/1999		40.0		AB		40.0		0.0		40.0		0.0	
MUR - Initial Physical Data Model Complete		Cmpl				07/30/1999		07/30/1999				AB									
Schedule Review of Physical Data Model with Bill Ba		Cmpl				07/30/1999		10/01/1999				AB									
Refine Physical Data Model																					
Review Physical Data Model with Bill Backs		Cmpl				09/13/1999		10/18/1999		0.0		RC		8.0		0.0		8.0		-8.0	
						09/13/1999		10/25/1999		4.0		TS		0.0		0.0		0.0		4.0	
										4.0		MC		0.0		0.0		0.0		4.0	
										6.0		WB		12.0		0.0		12.0		-6.0	
										4.0		AB		8.0		0.0		8.0		-4.0	
										80.0		AB		80.0		0.0		80.0		0.0	
										40.0		AB		40.0		0.0		40.0		0.0	
										40.0		AB		40.0		0.0		40.0		0.0	
Database Backup and Recovery Str																					
Develop Database Backup and Recovery Strategy		Cmpl				05/17/1999		05/17/1999		40.0		TS		40.0		0.0		40.0		0.0	
						06/04/1999		06/14/1999				TS									
						05/24/1999		05/24/1999		8.0		TS		8.0		0.0		8.0		0.0	
						06/28/1999		07/23/1999		8.0		AB		8.0		0.0		8.0		0.0	
						06/14/1999		06/14/1999		40.0		TS		16.0		0.0		16.0		24.0	
						07/09/1999		08/27/1999				RC		0.0		0.0		0.0		0.0	
						09/13/1999		02/28/2000				RC		0.0		0.0		0.0		0.0	



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IDES ISM Project		April 2001																	
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Project as of Date:																			
Name																			
#####		R E T R O																	
Status																			
Conclude DDA Subphase																			
Approved Physical Database Design																			
Detail Design																			
Unplanned Meetings																			
Integration Meeting with LMI Group																			
Finalize Requirements																			
Reporting Requirements Analysis																			
ES Profiling Requirements Analysis																			
Support Detail Design																			
Support Designers																			
Attend Detail Design Walkthru's																			
Support Designers																			
Attend Detail Design Walkthru's																			
Support Designers																			
Attend Detail Design Walkthru's																			

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IDES ISM Project		#####	R E T R O	Baseline Start / End	Actual Start / End	Assn Baseline Estimate	April 200 15	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:											
Name		Status		Baseline Start / End	Actual Start / End	Assn Baseline Estimate		Total Actual Hours	ETC	Total	Variance
Support Designers		Cmpl		09/24/1999	11/01/1999	52.0		44.0	0.0	44.0	8.0
Attend Detail Design Walkthru's		Cmpl		06/01/1999	06/01/1999 AB	52.0		103.0	0.0	103.0	-51.0
Support Designers		Cmpl		09/24/1999	06/01/1999 AB	0.0		40.0	0.0	40.0	-40.0
Attend Detail Design Walkthru's		Cmpl		07/30/1999	10/29/1999 TS	40.0		1.0	0.0	1.0	39.0
Support Designers		Cmpl		06/01/1999	06/01/1999 CJ	0.0		95.0	0.0	95.0	-95.0
Attend Detail Design Walkthru's		Cmpl		07/30/1999	10/29/1999 TS	40.0		0.0	0.0	0.0	40.0
Support Designers		Cmpl		08/30/1999	06/15/1999 TS	20.0		20.0	0.0	20.0	0.0
Attend Detail Design Walkthru's		Cmpl		09/24/1999	10/29/1999	20.0		4.0	0.0	4.0	16.0
Design List-Paging Obj		Cmpl		08/30/1999	07/14/1999 TS						
Design Security Mgr		Cmpl		09/24/1999	10/29/1999						
Other Infrastructure Design Support		Cmpl			08/13/1999 LL			0.0	0.0	0.0	0.0
Support Designers		Cmpl			09/10/1999			0.0	0.0	0.0	0.0
Attend Design Walkthrus		Cmpl			08/13/1999 TS			10.0	0.0	10.0	-10.0
Design ENDS Related Interfaces		Cmpl			09/03/1999			9.0	0.0	9.0	-9.0
Acquire & Install Technical Inf		Cmpl			10/04/1999 RC			26.0	0.0	26.0	-26.0
Prepare for Receiving Hardware and		Cmpl			11/08/1999			0.0	0.0	0.0	0.0
Install Hardware & Software		Cmpl			10/04/1999 RC						
		Cmpl			11/01/1999						
		Cmpl			01/31/2000 BK						
		Cmpl			02/18/2000						
		Cmpl			09/10/1999 DH			54.0	0.0	54.0	-54.0
		Cmpl			11/08/1999 TS			36.0	0.0	36.0	-36.0



IDES ISM Project										April 2001 15					
Today's Date: Project as of Date:															
Name	Status	R E T R O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance					
Create Dev Server environment	Cmpl		08/13/1999	01/10/2000	AB	16.0	16.0	0.0	16.0	0.0					
			08/02/1999	12/06/1999	TS	8.0	0.0	0.0	0.0	8.0					
Create Dev File Structure	Cmpl		08/13/1999	01/10/2000	LL	32.0	32.0	0.0	32.0	0.0					
			08/02/1999	10/15/1999	DH	0.0	44.0	0.0	44.0	-44.0					
Create Dev Back-up processes	Cmpl		08/13/1999	12/10/1999	TS	8.0	1.0	0.0	1.0	7.0					
			08/02/1999	01/03/2000	AB	16.0	4.0	0.0	4.0	12.0					
Test the Development Environment	Cmpl		08/13/1999	01/21/2000	TS	8.0	0.0	0.0	0.0	8.0					
			08/02/1999	12/20/1999	AB	8.0	12.0	0.0	12.0	-4.0					
			08/13/1999	01/11/2000	TS	8.0	0.0	0.0	0.0	8.0					
					LL	8.0	8.0	0.0	8.0	0.0					
Support Development Environment Preparation	Cmpl			11/12/1999	DH		1.0	0.0	1.0	-1.0					
				12/20/1999	RC		8.0	0.0	8.0	-8.0					
Create Production Database Environment	Cmpl		06/19/2000	04/17/2000	DH	0.0	0.0	0.0	0.0	0.0					
			06/30/2000	04/28/2000	RC	0.0	0.0	0.0	0.0	0.0					
					TS	8.0	0.0	0.0	0.0	8.0					
Create Production Test Server environment	Cmpl		06/19/2000	04/17/2000	AB	16.0	0.0	0.0	0.0	16.0					
			06/30/2000	04/28/2000	DH	0.0	0.0	0.0	0.0	0.0					
			07/17/2000	05/15/2000	TS	8.0	0.0	0.0	0.0	8.0					
Test Production Environment	Cmpl		07/17/2000	05/15/2000	RC	0.0	0.0	0.0	0.0	0.0					
			07/21/2000	05/26/2000	DH	0.0	0.0	0.0	0.0	0.0					
					AB	8.0	0.0	0.0	0.0	8.0					
Create Performance Test Database Environment	Cmpl		05/01/2000	03/01/2000	TS	8.0	0.0	0.0	0.0	8.0					
			05/12/2000	03/14/2000	DH	0.0	0.0	0.0	0.0	0.0					
					RC	0.0	0.0	0.0	0.0	0.0					
					TS	8.0	0.0	0.0	0.0	8.0					
Create Performance Test Server environment	Cmpl		05/01/2000	03/01/2000	AB	16.0	0.0	0.0	0.0	16.0					
			05/12/2000	03/14/2000	DH	0.0	0.0	0.0	0.0	0.0					
			05/12/2000	03/14/2000	TS	8.0	0.0	0.0	0.0	8.0					
Create Performance Test Back-up/Recover process	Cmpl		05/01/2000	03/01/2000	RC	0.0	0.0	0.0	0.0	0.0					
			05/12/2000	03/14/2000	DH	0.0	0.0	0.0	0.0	0.0					
					AB	16.0	0.0	0.0	0.0	16.0					
					TS	8.0	0.0	0.0	0.0	8.0					
Test Performance Test Environment	Cmpl		05/01/2000	03/01/2000	RC	0.0	0.0	0.0	0.0	0.0					



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IDES ISM Project		April 2005									
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Name		Status		R E T R O		Baseline Start / End		Actual Start / End		Assn: Baseline Estimate	
		#####									
Code/Unit Test Infrastructure											
Revise Infrastructure for new Look a											
Style sheet re-work: Positioning & Resizing		Cmpl				01/24/2000		01/31/2000		TS 80.0	
						02/17/2000		03/15/2000			
Style sheet re-work: Style modifications		Cmpl				01/24/2000		01/31/2000		TS 80.0	
						02/17/2000		03/15/2000			
Style sheet re-work: cross browser issues		Cmpl				01/24/2000		02/21/2000		TS 40.0	
						02/17/2000		03/15/2000			
Top, Left, Bottom Margin server side includes		Cmpl				01/24/2000		01/31/2000		TS 12.0	
						02/17/2000		02/24/2000			
Tab handler - to support watermark		Cmpl				01/24/2000		03/15/2000		TS 24.0	
						02/17/2000		03/20/2000			
Menu Bar bean: Look and Feel changes		Cmpl				01/24/2000		03/15/2000		TS 16.0	
						02/17/2000		03/17/2000			
Menu Bar bean: Size, Position, HTML generation		Cmpl				01/24/2000		01/31/2000		TS 40.0	
						02/17/2000		03/27/2000			
Message bean HTML generation		Cmpl				01/24/2000		03/15/2000		TS 20.0	
						02/17/2000		03/27/2000			
Client side Error handler look & feel generation		Cmpl				01/24/2000		03/15/2000		TS 20.0	
						02/17/2000		03/17/2000			
Look&Feel-Navigator vs. Internet Explorer		Cmpl				02/17/2000		03/14/2000		TS 16.0	
								04/03/2000			
Code/Test Application Infrastructure											
6-Code/Test/Application Infrastructure Components		Cmpl				06/15/1999		10/29/1999		CJ 80.0	
						06/15/1999		02/07/2000			
5-Code/Test/Security Manager		Cmpl				06/15/1999		12/10/1999		CJ 40.0	
						06/15/1999		04/07/2000			
4-Code/Test/Error Manager		Cmpl				06/15/1999		07/30/1999		CJ 160.0	
						06/15/1999		04/07/2000			
1-Code/Test/IDES BaseAppLogic		Cmpl				06/15/1999		07/02/1999		CJ 40.0	
						06/15/1999		12/30/1999			

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IDES ISM Project		R E T R O		Baseline Start / End		Actual Start / End		Assn: Baseline Estimate		April 2001	Total Actual Hours		ETC	Total	Variance
Today's Date: Project as of Date:		#####		06/15/1999		07/02/1999		CJ		15	129.0	0.0	0.0	129.0	-89.0
Name		Status		06/15/1999		04/07/2000		CJ			10.0	0.0	0.0	10.0	-10.0
1-Code/Test ISM BaseAppLogic		Cmpl									4.0	0.0	0.0	4.0	-4.0
Home,Logoff,Help Buttons		Cmpl									71.0	0.0	0.0	71.0	-71.0
Infrastructure for "pretty" screen names		Cmpl									2.0	0.0	0.0	2.0	2.0
Infrastructure for multiple submit		Cmpl									9.0	0.0	0.0	9.0	-5.0
1-Code/Test ISM Resource		Cmpl									0.0	0.0	0.0	0.0	4.0
1-Code/Test ISM Resource		Cmpl									0.0	0.0	0.0	0.0	4.0
Code/Test ISM State		Cmpl									0.0	0.0	0.0	0.0	4.0
Code/test ISM State		Cmpl									99.0	0.0	0.0	99.0	-99.0
Build Shared Infrastructure Components		Cmpl									71.0	0.0	0.0	71.0	-71.0
3-Code/Test List Paging Object		Cmpl									20.0	0.0	0.0	20.0	-20.0
2-Code/Test Forms Submission (common client side)		Cmpl									16.0	0.0	0.0	16.0	-16.0
2-Code/Test Tabs (common client side)		Cmpl									30.0	0.0	0.0	30.0	-30.0
2-Code/Test Form Validation (common client side)		Cmpl									30.0	0.0	0.0	30.0	-30.0
2-Code/Test Error Processing (common client side)		Cmpl									30.0	0.0	0.0	30.0	-30.0
2-Code/Test Field Modification Processing (common client side)		Cmpl									1.0	0.0	0.0	1.0	-1.0
2-Code/Test Browser Identification (common client side)		Cmpl									18.0	0.0	0.0	18.0	-18.0
2-Code/Test Style Sheet Organization (common client side)		Cmpl									28.0	0.0	0.0	28.0	-28.0

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IDES ISM Project	#####	R	E	T	R	O	Actual Start / End	Baseline Start / End	Assn: Baseline Estimate	April 200 15	Total Actual Hours	ETC	Total	Variance
2-Code/Test ISM Browser Window (common client side)	Cmpl										0.0	0.0	0.0	0.0
2-Code/Test Printing (common client side)	Cmpl										0.0	0.0	0.0	0.0
2-Code/Test Other (common client side)	Cmpl										59.0	0.0	59.0	-59.0
Code/Test M/F Batch Infrastructure (stats,chkp/xrst,e	Cmpl										2.0	0.0	2.0	-2.0
Review Mainframe Shell Program for batch Chkp/rst	Cmpl										4.0	0.0	4.0	-4.0
Code/Test Unix shell program for chkp/rst	Cmpl										6.0	0.0	6.0	-6.0
Code/Test Unix shell program	Cmpl										37.0	0.0	37.0	-37.0
Description of how and when to use chkp/rst for Dev.	Cmpl										0.0	0.0	0.0	0.0
Design Batch Error Handling	Cmpl										14.0	0.0	14.0	-14.0
Code/Test Batch Error Handling	Cmpl										2.0	0.0	2.0	-2.0
Design Batch Program Execution Performance Stats	Cmpl										8.0	0.0	8.0	-8.0
Code/Test Batch Program Execution Performance St	Cmpl										2.0	0.0	2.0	-2.0
Code/Test COBOL call to SPROC	Cmpl										5.0	0.0	5.0	-5.0
1-Code/Test ApplicationMgr Stub-obsolete	Cmpl										0.0	0.0	0.0	0.0
1-Code/Test SecurityMgr Stub-obsolete	Cmpl										2.0	0.0	2.0	-2.0
1-Code/Test ErrorMgr Stub	Cmpl										8.0	0.0	8.0	-8.0
1-Code/Test List Paging Object Stub	Cmpl										4.0	0.0	4.0	-4.0



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IDES ISM Project		April 2001		15							
Today's Date: Project as of Date:											
Name		##### R E T R O	Status	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance	
Reserve for Infrastructure CUT			Cmpl	08/25/1999 08/25/1999	08/25/1999 08/25/1999	TL 550.0	0.0	0.0	0.0	550.0	
Retrieve Next Sequential Number (SP046)			Cmpl			AB	0.0	0.0	0.0	0.0	
PVCS Installation/Config/Documentation			Cmpl			CJ	18.0	0.0	18.0	-18.0	
Support for Development Team (Issues, Code Review)			Cmpl			CJ	160.0	0.0	160.0	-160.0	
PVCS support/Scripting Support/Source Migration			Cmpl			CJ	48.0	0.0	48.0	-48.0	
<b>Support Development and Testing</b>											
Operating System Administration			Cmpl			DH	39.0	0.0	39.0	-39.0	
Document System Administration and Operation Procedures			Cmpl			TS	0.0	0.0	0.0	0.0	
Document System Admin and Ops Procedures			Cmpl			AB	11.5	0.0	11.5	-11.5	
Operating System Administration			Cmpl	03/02/1999 06/30/2000	02/28/2000 07/03/2000	GR 374.0	97.0	0.0	97.0	277.0	
Operating System Administration			Cmpl	07/03/2000 07/23/2000	07/03/2000 07/28/2000	AB 32.0	0.0	0.0	0.0	32.0	
Operating System Administration			Cmpl			DH	254.0	0.0	254.0	-254.0	
<b>Database Support and Maintenance</b>											
Implement and Test Database Backup and Recovery			Cmpl			DH	7.0	0.0	7.0	-7.0	
Maintain Physical Data Model (Unit test changes)			Cmpl	11/01/1999 03/31/2000	10/15/1999 04/17/2000	RC 0.0 300.0	254.0 44.0 281.0	0.0 0.0 0.0	254.0 44.0 281.0	-254.0 256.0 -281.0	
Support Databases			Cmpl			AF	284.0	0.0	284.0	-284.0	
Resolving IBM DB2 UDB Technical Issues			Cmpl			AB					

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IDES ISM Project		R E T R O		Baseline Start / End		Actual Start / End		Assn: Baseline Estimate		April 2001 15	Total Actual Hours		ETC		Total		Variance	
Today's Date: Project as of Date:		#####																
Name		Status		Baseline Start / End		Actual Start / End		Assn: Baseline Estimate			Total Actual Hours		ETC		Total		Variance	
Database Tuning		Cmpl				05/15/2000: RC					252.0		0.0		252.0		-252.0	
Maintain Physical Data Model		Cmpl				07/17/2000					66.0		0.0		66.0		-66.0	
Support Coding and Unit Testing		Cmpl				02/21/2000: RC												
Create Development DB Instances on Unix		Cmpl				07/17/2000					8.0		0.0		8.0		-8.0	
Support Coding and Unit Testing		Cmpl		09/27/1999		10/22/1999		RC		0.0	263.0		0.0		263.0		-263.0	
Review SQL and Stored Procedures		Cmpl		03/31/2000		04/14/2000		BK		780.0	522.0		0.0		522.0		258.0	
Support Coding and Unit Testing		Cmpl		11/01/1999		10/25/1999		RC		0.0	80.0		0.0		80.0		-80.0	
Support Coding and Unit Testing		Cmpl		03/31/2000		04/17/2000		AB		300.0	93.0		0.0		93.0		207.0	
Support Coding and Unit Testing		Cmpl		09/27/1999		11/01/1999		LL		416.0	167.0		0.0		167.0		249.0	
Support Coding and Unit Testing		Cmpl		03/31/2000		04/04/2000		TS		416.0	58.0		0.0		58.0		358.0	
HTML Tabs		Cmpl		09/27/1999		12/22/1999		TS			37.0		0.0		37.0		-37.0	
Support Coding and Unit Testing		Cmpl				01/24/2000: TS												
Support Coding and Unit Testing		Cmpl				01/24/2000												
Support Coding and Unit Testing		Cmpl				01/03/2000: TS					167.0		0.0		167.0		-167.0	
Support Development Environment		Cmpl				04/10/2000					150.0		0.0		150.0		-150.0	
Develop List Paging Sample		Cmpl				10/18/1999: AB					235.0		0.0		235.0		-235.0	
Develop Stored Procedure Error Handling		Cmpl				04/04/2000					53.0		0.0		53.0		-53.0	
Develop and Test HTML Templates		Cmpl				10/18/1999: DH												
Create Samples For Developers		Cmpl				04/17/2000					2.0		0.0		2.0		-2.0	
Test Calling Stored Procedures		Cmpl				12/06/1999: TS					4.0		0.0		4.0		-4.0	
		Cmpl				12/27/1999					154.0		0.0		154.0		-154.0	
		Cmpl				11/01/1999: RC												
		Cmpl				12/23/1999: AB					56.0		0.0		56.0		-56.0	
		Cmpl				09/27/1999: TS					12.0		0.0		12.0		-12.0	
		Cmpl				12/17/1999												
		Cmpl				11/12/1999: LL												
		Cmpl				01/03/2000												
		Cmpl				10/11/1999: LL												
		Cmpl				10/29/1999												

Project Information		Schedule		Performance		Resource		Cost		Variance	
Name	Status	Baseline Start / End	Actual Start / End	Asn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance			
Research Re-usable Code in Stored Procedure	Cmpl	09/27/1999: LL 10/22/1999			10.0	0.0	10.0	-10.0			
<b>Create System Test Environment</b>											
Start creating system test environment	Cmpl	MZ 12/20/1999: AB TS									
Create System Test Database Environment	Cmpl	RC 01/31/2000 DH 02/18/2000 TS			44.0	0.0	44.0	-44.0			
Create System Test Server Environment	Cmpl	AB 01/31/2000 DH 03/03/2000 TS			8.0	0.0	8.0	-8.0			
Create System Test Back-up/Recover processes	Cmpl	RC 01/31/2000 DH 02/14/2000			0.0	0.0	0.0	0.0			
Test System Test Environment	Cmpl	AB 02/07/2000 TS 02/18/2000			12.0	0.0	12.0	-12.0			
Complete creating system test environment	Cmpl	RC 01/31/2000 DH 02/11/2000			4.0	0.0	4.0	4.0			
Support System/Acceptance Testing											
ISM calling MapQuest Server	Cmpl	MZ 02/17/2000: AB TS			0.0	0.0	0.0	0.0			
Support System/Acceptance Testing	Cmpl	TC 04/24/2000 05/05/2000			8.0	0.0	8.0	-8.0			
Support System/Acceptance Testing	Cmpl	RC 01/31/2000 DH 05/02/2000			43.0	0.0	43.0	-43.0			
Support System/Acceptance Testing	Cmpl	BK 04/10/2000 TS 07/31/2000			29.0	0.0	29.0	-29.0			
Support System/Acceptance Testing	Cmpl	LL 04/10/2000: LL			204.0	0.0	204.0	180.0			
					345.0	0.0	345.0	-265.0			
					65.0	0.0	65.0	-25.0			

IDES ISM Project		R E T R O		Status		Baseline Start / End		Actual Start / End		Assn		Baseline Estimate		April 2001		ETC		Total		Variance	
Name		#####		Status		Baseline Start / End		Actual Start / End		Assn		Baseline Estimate		April 2001		ETC		Total		Variance	
Support System/Testing		#####		Cmpl		04/12/2000 02/28/2000		07/03/2000 02/04/2000		TS		0.0				145.0		145.0		-145.0	
Support System/Acceptance Testing		#####		Cmpl		06/30/2000		06/09/2000		LL		104.0				295.0		295.0		-191.0	
Support System/Acceptance Testing		#####		Cmpl				04/28/2000		RC						49.0		49.0		-49.0	
Support System/Acceptance Testing		#####		Cmpl				06/15/2000		DH						69.0		69.0		-69.0	
Support System/Acceptance Testing		#####		Cmpl				04/28/2000		DH						0.0		0.0		0.0	
Support System/Acceptance Testing		#####		Cmpl				07/10/2000		GR						0.0		0.0		0.0	
Support System/Acceptance Testing		#####		Cmpl				05/08/2000		GR						0.0		0.0		0.0	
Support System/Acceptance Testing		#####		Cmpl				06/30/2000		TC						110.0		110.0		-110.0	
Support System/Acceptance Test		#####		Cmpl				05/01/2000		TC						0.0		0.0		0.0	
Support System/Acceptance Test		#####		Cmpl				07/10/2000		BK						400.0		400.0		-400.0	
Support/Acceptance Test		#####		Cmpl				04/24/2000		BK						0.0		0.0		0.0	
Support/Acceptance Test		#####		Cmpl				07/03/2000		BK		120.0				0.0		0.0		120.0	
Support/Acceptance Test		#####		Cmpl				05/01/2000		RC		0.0				0.0		0.0		0.0	
Support System/Acceptance Testing		#####		Cmpl				05/26/2000		AB		64.0				0.0		0.0		64.0	
Support System/Acceptance Testing		#####		Cmpl				05/01/2000		CJ						192.0		192.0		-192.0	
Support System/Acceptance Testing		#####		Cmpl				05/30/2000		AB						0.0		0.0		-165.0	
Support System/Acceptance Testing		#####		Cmpl				07/07/2000		AB		104.0				269.0		269.0			
Support System/Acceptance Testing		#####		Cmpl				01/17/2000		DH		0.0				0.0		0.0		0.0	
Support System/Acceptance Testing		#####		Cmpl				04/17/2000		RC		0.0				28.0		28.0		-28.0	
Support System/Acceptance Testing		#####		Cmpl				05/22/2000		TS		8.0				0.0		0.0		8.0	
Support System/Acceptance Testing		#####		Cmpl						AB		16.0				0.0		0.0		16.0	
Support System/Acceptance Testing		#####		Cmpl				04/03/2000		DH		0.0				0.0		0.0		0.0	
Support System/Acceptance Testing		#####		Cmpl				04/14/2000		TS		8.0				0.0		0.0		8.0	
Support System/Acceptance Testing		#####		Cmpl				04/03/2000		RC		0.0				16.0		16.0		-16.0	
Support System/Acceptance Testing		#####		Cmpl				04/17/2000		DH		0.0				0.0		0.0		0.0	
Support System/Acceptance Testing		#####		Cmpl				04/28/2000		AB		16.0				0.0		0.0		16.0	
Support System/Acceptance Testing		#####		Cmpl						TS		8.0				0.0		0.0		8.0	
Support System/Acceptance Testing		#####		Cmpl				04/03/2000		RC		0.0				6.0		6.0		-6.0	

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IDES ISM Project	#####	RETRO				April 2005 15				
Today's Date:										
Project as of Date:										
Name	Status	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance		
		04/14/2000	05/22/2000	DH	0.0	0.0	0.0	0.0		
				AB	8.0	0.0	0.0	8.0		
				TS	8.0	0.0	0.0	8.0		
Support Training During Development of Training	Cmpl	05/01/2000 06/09/2000	05/01/2000 06/30/2000	AS	60.0	0.0	120.0	-60.0		
Support Training During Development of Training	Cmpl			RC		0.0				
Support Training During Development of Training	Cmpl	05/01/2000 06/09/2000	05/01/2000 06/26/2000	TS	40.0	0.0	18.0	-18.0		
Support Training During Development of Training	Cmpl	05/01/2000 06/09/2000	05/01/2000 06/30/2000	AF	40.0	0.0	70.0	-30.0		
Support Training During Development of Training	Cmpl	05/01/2000 06/09/2000	05/01/2000 06/26/2000			0.0	134.0	-94.0		
Plan and Execute Performance Test										
Reserve for performance	Cmpl	05/01/2000 05/01/2000	05/01/2000 05/01/2000	AS	140.0	0.0	0.0	140.0		
Develop Performance Test Plan	Cmpl	04/03/2000	02/14/2000	LL	48.0	0.0	8.0	40.0		
Develop Performance Test Plan	Cmpl	05/12/2000	04/24/2000	DH	0.0	0.0	0.0	0.0		
Develop Performance Test Plan	Cmpl	04/03/2000	02/28/2000	TS	64.0	0.0	7.0	57.0		
Develop Performance Test Plan	Cmpl	05/12/2000	04/24/2000	RC	0.0	0.0	0.0	0.0		
Review Performance Test Plan with Design Advisory	Cmpl	04/03/2000	02/28/2000	AB	48.0	0.0	0.0	48.0		
		05/12/2000	04/07/2000	TS	0.0	0.0	0.0	0.0		
		03/06/2000	03/06/2000	MC	6.0	0.0	0.0	6.0		
		03/06/2000	03/06/2000	AB	6.0	0.0	0.0	6.0		
				MG	9.0	0.0	0.0	9.0		
				WB	9.0	0.0	0.0	9.0		
				LL	6.0	0.0	0.0	6.0		
Create/Test Prod Back-up/Recover processes (off-s	Cmpl	06/19/2000 06/30/2000	05/08/2000 07/10/2000	RC	0.0	0.0	0.0	0.0		
				DH	16.0	0.0	60.0	-60.0		
				AB	8.0	0.0	0.0	16.0		
				TS		0.0	0.0	8.0		
Load Performance Test Data	Cmpl		05/05/2000	RC		0.0	67.0	-67.0		
Support / Execute Performance Test	Cmpl		05/22/2000 05/08/2000	GR		0.0	18.0	-18.0		

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IDES ISM Project										April 2005							
Today's Date:																	
Project as of Date:																	
Name										R E T R O		Status		#####			
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IDES ISM Project		April 2005									
Today's Date:											
Project as of Date:											
Name											
Status		R E T R O		Actual Start / End		Baseline Start / End		Assn: Baseline Estimate		Total Actual Hours	
#####											
Deployment											
Deployment Support											
Create/Acceptance Test Database Environment		Cmpl		06/05/2000 06/16/2000		06/05/2000 06/16/2000		DH 0.0 RC 0.0 TS 8.0 AB 16.0		0.0 0.0 0.0 0.0	
Create/Acceptance Test Server Environment		Cmpl		06/05/2000 06/16/2000		06/05/2000 06/16/2000		DH 0.0 TS 8.0 RC 0.0		0.0 0.0 0.0 0.0	
Create/Acceptance Test Back-up/Recover processes		Cmpl		06/05/2000 06/16/2000		06/05/2000 06/16/2000		DH 0.0 AB 16.0 TS 8.0 RC 0.0		0.0 0.0 0.0 0.0	
Test/Acceptance Test Environment		Cmpl		06/05/2000 06/16/2000		06/05/2000 06/16/2000		DH 0.0 AB 16.0 TS 8.0 RC 0.0		0.0 0.0 0.0 0.0	
Configure Production Environment		Cmpl		07/03/2000 07/14/2000		07/03/2000 07/14/2000		RC 0.0 DH 8.0 AB 8.0 TS 8.0		0.0 0.0 0.0 0.0	
Migrate Objects to Production		Cmpl		07/17/2000 07/28/2000		07/17/2000 07/28/2000		DH 0.0 TS 62.0 RC 0.0		0.0 0.0 0.0 0.0	
Test ISM Application		Cmpl		07/31/2000 08/04/2000		07/31/2000 08/04/2000		RC 0.0 DH 35.0 TS 0.0		0.0 0.0 0.0 0.0	
Determine Alerting Architecture		Cmpl						05/22/2000 06/12/2000		50.0 0.0	
Research/implement ISM alarms		Cmpl						05/30/2000 07/14/2000		78.0 0.0	
Research SNMP Trap Generator for custom ISM MIB		Cmpl						05/26/2000 07/14/2000		26.0 0.0	

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IDES ISM Project		#####	R E T R O				April 2005 15				
Today's Date: Project as of Date:		Status		Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance	
Find UNIX TAP paging program		Cmpl			07/14/2000		15.0	0.0	15.0	-15.0	
Alerting for NAS/NES restarts (script mods?)		Cmpl			05/26/2000: FH 06/16/2000		9.0	0.0	9.0	-9.0	
Finalize DNS implementation		Cmpl			05/22/2000: TC 07/24/2000		8.0	0.0	8.0	-8.0	
Finalize Server Digital Certificates		Cmpl			05/22/2000: TC 07/24/2000		1.0	0.0	1.0	-1.0	
Determine Needs/Implement WebTrends reporting		Cmpl			05/22/2000: TC 07/24/2000		8.0	0.0	8.0	-8.0	
Symon and Alerts		Cmpl			06/02/2000: TC 09/18/2000		241.0	0.0	241.0	-241.0	
Ongoing perf metrics data collection and reporting		Cmpl			05/30/2000: GR 08/25/2000		43.0	0.0	43.0	-43.0	
Database Maintenance Schedule		Cmpl			05/30/2000: DH 09/18/2000: GR		2.0	0.0	2.0	-2.0	
Finalize run control scripts (to start/shut down proces		Cmpl			TC 05/30/2000: AF		20.0	0.0	20.0	-20.0	
Setup remote access on DevWeb		Cmpl			06/30/2000: AB 05/30/2000: GR		0.0	0.0	0.0	0.0	
Research/report Dev Upgrade options		Cmpl			05/30/2000: GR 09/15/2000: DH		2.0	0.0	2.0	-2.0	
Support CosBatch Setup		Cmpl			05/22/2000: GR 06/23/2000		4.0	0.0	4.0	-4.0	
Support Deployment		Cmpl			05/22/2000: GR 06/23/2000		22.0	0.0	22.0	-22.0	
Support Deployment		Cmpl			05/01/2000 08/31/2000	140.0	0.0	0.0	0.0	0.0	
Support Deployment		Cmpl			05/01/2000: AB 10/09/2000		2.0	0.0	2.0	-2.0	
Support Deployment		Cmpl			05/01/2000: AF 07/12/2000	100.0	220.0	0.0	220.0	-220.0	
Support Deployment		Cmpl			05/01/2000 06/30/2000		275.0	0.0	275.0	-135.0	
Support Deployment		Cmpl			05/01/2000: AB 07/12/2000		344.0	0.0	344.0	-344.0	
Support Deployment		Cmpl			05/01/2000: AF 07/12/2000		104.0	0.0	104.0	-4.0	
Support Deployment		Cmpl			04/28/2000: RC 06/30/2000		0.0	0.0	0.0	0.0	



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IDES ISM Project		April 2005									
Today's Date:											
Project as of Date:											
Name	#####	Status	R E T R O	Baseline Start / End	Actual Start / End	Assn:	Baseline Estimate	Total Actual Hours	ETC	Total	Variance
Support Deployment		Cmpl		05/01/2000 08/31/2000	05/01/2000	WB	6.0	18.0	0.0	18.0	-12.0
Support Deployment		Cmpl				TS		301.0	0.0	301.0	-301.0
Support Deployment		Cmpl				TC		0.0	0.0	0.0	0.0
Support Deployment		Cmpl		06/05/2000 08/31/2000	01/03/2001	MC	208.0	95.0	0.0	95.0	113.0
Support Deployment		Cmpl		07/31/2000 09/29/2000	05/05/2000	TC	160.0	145.0	0.0	145.0	15.0
Support Deployment		Cmpl		08/07/2000 09/29/2000	09/18/2000	BK	190.0	137.0	0.0	137.0	53.0
Support Deployment / Document Processes		Cmpl				CJ		41.0	0.0	41.0	-41.0
Support Deployment		Cmpl				MS1		29.0	0.0	29.0	-29.0
Support Deployment		Cmpl				MJW		36.0	0.0	36.0	-36.0
Support Deployment		Cmpl				KT		22.0	0.0	22.0	-22.0
Support Deployment		Cmpl				RC		102.0	0.0	102.0	-102.0
Support Deployment		Cmpl				MZ		73.0	0.0	73.0	-73.0
Support Deployment		Cmpl		10/02/2000 12/29/2000	07/20/2000	LL	200.0	0.0	0.0	0.0	200.0
<b>Project Mgmt Tasks - Design T</b>											
<b>Project Management &amp; Control</b>											
Weekly Status Issues Meetings (2-3 hrs/week)		Cmpl		03/01/1999 03/31/2000	03/01/1999	PD	34.0	34.0	0.0	34.0	0.0
Maintain Detailed Work Plan		Cmpl		06/01/1999 03/31/2000	03/31/2000	MZ	66.0	66.0	0.0	66.0	0.0
Manage Team		Cmpl		06/01/1999 06/01/1999	06/01/1999	MZ	0.0	28.0	0.0	28.0	-28.0
		Cmpl				MZ	0.0	145.0	0.0	145.0	-145.0

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IDES ISM Project		#####	R	E	T	R	O	April 2001 15	Assn: Baseline Estimate		Total Actual Hours	ETC	Total	Variance
Name	Status	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate		Total Actual Hours	ETC	Total	Variance					
Resolve Variances and Address Problems	Cmpl	03/31/2000 06/01/1999	03/31/2000 06/01/1999	MZ		0.0	12.0	0.0	12.0	-12.0				
Manage Issues and Changes	Cmpl	03/31/2000 06/01/1999	03/31/2000 06/01/1999	MZ		0.0	54.0	0.0	54.0	-54.0				
Manage Acceptance of Deliverables	Cmpl	03/31/2000 06/01/1999	03/31/2000 07/28/1999	MZ		0.0	2.0	0.0	2.0	-2.0				
Write Team Member Expectations	Cmpl	03/31/2000 04/01/1999	03/31/2000 04/19/1999	MZ		0.0	1.0	0.0	1.0	-1.0				
Project Orientation - Designers	Cmpl	03/01/1999 05/07/1999	03/01/1999 06/14/1999	BB1 SS1		16.0 16.0	16.0 16.0	0.0 0.0	16.0 16.0	0.0 0.0				
Project Planning/Resolve Variances	Cmpl	08/30/1999 03/31/2000	06/11/1999 10/11/1999	MZ		15.0	15.0	0.0	15.0	-15.0				
Reserve used for Brent's PM tasks	Cmpl	08/30/1999 03/31/2000	08/30/1999 03/31/2000	BP		700.0	0.0	0.0	0.0	700.0				
Project Orientation														
Learn Prototyping/GUI Design Tool	Cmpl	03/05/1999 05/07/1999	03/05/1999 08/02/1999	BB1 SS1		16.0 16.0	18.0 21.0	0.0 0.0	18.0 21.0	-2.0 -5.0				
				KT		16.0	16.0	0.0	16.0	0.0				
				CJ		16.0	16.0	0.0	16.0	0.0				
				SS		16.0	16.0	0.0	16.0	0.0				
				JM		16.0	8.0	0.0	8.0	8.0				
				BB		16.0	16.0	0.0	16.0	0.0				

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IDES ISM Project		April 2000 15												
Today's Date: Project as of Date:														
Name		##### Status	RETRO	Baseline Start / End	Actual Start / End	Assn Baseline Estimate	Total Actual Hours	ETC	Total	Variance				
Development Tools Orientation	Cmpl			06/04/1999	06/04/1999	PD	20.0	52.0	0.0	-32.0				
						AS	16.0	16.0	0.0	0.0				
						YZ	0.0	16.0	0.0	-16.0				
						RR	0.0	16.0	0.0	-16.0				
				06/04/1999	06/04/1999	BB1	60.0	0.0	0.0	60.0				
				10/01/1999	12/06/1999	SS1	60.0	12.0	0.0	48.0				
						KT	60.0	0.0	0.0	60.0				
						CJ	60.0	37.0	0.0	23.0				
						SS	60.0	0.0	0.0	60.0				
						JM	60.0	0.0	0.0	60.0				
						BB	60.0	0.0	0.0	60.0				
						MS1	15.0	0.0	0.0	15.0				
						RR	15.0	0.0	0.0	15.0				
NonBill - Java Training	Cmpl					AF	15.0	0.0	0.0	15.0				
						YZ	15.0	0.0	0.0	15.0				
				08/16/1999	08/16/1999	BB	40.0	40.0	0.0	-40.0				
				08/20/1999	08/20/1999	SS	40.0	40.0	0.0	-40.0				
ISM Orientation	Cmpl					KT	40.0	40.0	0.0	-40.0				
						SS1	40.0	40.0	0.0	-40.0				
						BB1	40.0	40.0	0.0	-40.0				
				08/02/1999	07/02/1999	DEM	240.0	0.0	0.0	240.0				
				08/13/1999	10/18/1999	DE	84.0	0.0	0.0	84.0				
Assist with Design Validation														
Assist with Design Validation														
Help with FuncVal/Issues for Basic Data	Cmpl			03/29/1999	04/22/1999	JM	0.0	4.0	0.0	-4.0				
				04/16/1999	06/11/1999	SS	20.0	46.0	0.0	-26.0				
				03/01/1999	03/01/1999	AS	20.5	20.5	0.0	0.0				
				03/22/1999	03/22/1999									
Help with FuncVal/Issues for Employer Reg	Cmpl			03/01/1999	03/01/1999	PD	4.0	4.0	0.0	0.0				
				03/26/1999	03/26/1999	AS	20.0	20.0	0.0	0.0				
Assist with Design Validation														
Assist with Design Validation														
Help with FuncVal/Issues for Job Order Reg	Cmpl													

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IDES ISM Project		April 2000 15									
Today's Date: Project as of Date:											
Name	#####	RETRO	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance		
Help with Func/Vail/Issues for Job Appl Reg	Cmpl		03/01/1999 03/29/1999	03/01/1999 03/29/1999	25.0	25.0	0.0	25.0	0.0		
Help with Func/Vail/Issues for Job Matching	Cmpl		03/01/1999 04/02/1999	03/01/1999 04/02/1999	71.0	71.0	0.0	71.0	0.0		
Assist with Interfaces Design Validation	Cmpl		04/12/1999	04/12/1999	JM	19.0	0.0	19.0	-19.0		
Assist with Admin System Design Validation	Cmpl		06/11/1999	06/11/1999	SS	17.0	0.0	17.0	-17.0		
Assist with initial Data Modeling	Cmpl		04/12/1999	04/12/1999	SS	33.0	0.0	33.0	-33.0		
			06/11/1999	06/11/1999		12.0	0.0	12.0	-12.0		
			04/09/1999	04/09/1999	AS	10.0	0.0	10.0	-10.0		
			06/11/1999	06/11/1999	PD	11.0	0.0	11.0	-11.0		
					JM	10.0	0.0	10.0	-10.0		
					BB	25.0	0.0	25.0	-25.0		
					SS	0.0	0.0	0.0	40.0		
Reserve used for tasks in Design Validation	Cmpl		04/12/1999 04/30/1999	04/12/1999 04/30/1999	40.0	74.0	0.0	74.0	-74.0		
Unplanned - Design Communications Infrastructure	Cmpl				SS						
			06/11/1999	06/11/1999							
GUI Prototype (GP)											
Start GUI Prototype Subphase											
Reviewed Web Design SOW	Cmpl		02/08/1999	02/08/1999	MS						
Prepare for GUI Prototype											
Gather Initial Req for Visual Appearance and Style	Cmpl		02/11/1999 02/22/1999	02/11/1999 02/22/1999	4.0	4.0	0.0	4.0	0.0		
Develop Color Scheme, Font Stds, Buttons, etc.	Cmpl		02/11/1999 04/16/1999	02/11/1999 04/16/1999	12.0	10.0	0.0	10.0	2.0		
Develop Navigation Bar, Icon Stds and Hdr/Ftr Stds	Cmpl		02/11/1999 04/16/1999	02/11/1999 04/16/1999	12.0	5.5	0.0	5.5	6.5		
Develop Public Applicant and Employer Home Page	Cmpl		02/11/1999 04/16/1999	02/11/1999 04/16/1999	24.0	20.5	0.0	20.5	3.5		

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IDES ISM Project		#####		R E T R O				April 2000 15							
Name		Status	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance					
Conduct Review Sessions on High Level Look/Feel		Cmpl	02/22/1999 04/16/1999	02/22/1999 04/16/1999	MS	4.0	3.0	0.0	3.0	1.0					
Approved High Level Look/Feel		Cmpl	04/09/1999	04/09/1999	BK										
Document Web Sids in Appl Arch Document		Cmpl	03/15/1999	03/15/1999	MS	10.0	0.0	0.0	0.0	10.0					
Review Requirements for Screen Types		Cmpl	04/16/1999	04/16/1999	MS	4.0	0.0	0.0	0.0	4.0					
Review Sample for Error Message (Employer Invalid)		Cmpl	03/08/1999	03/08/1999	MS	2.0	0.0	0.0	0.0	2.0					
Review Sample for Option List (Employer Options)		Cmpl	04/02/1999	04/02/1999	MS	4.0	1.0	0.0	1.0	3.0					
Review Sample for Help Screen (Employer Reg Help)		Cmpl	03/08/1999	03/08/1999	MS	4.0	0.0	0.0	0.0	4.0					
Review Sample for Search (IDES Employer Search)		Cmpl	04/09/1999	04/09/1999	MS	10.0	1.0	0.0	1.0	9.0					
Review Sample for Drill Down (Skill Picker)		Cmpl	03/08/1999	03/08/1999	MS	16.0	1.0	0.0	1.0	15.0					
Review Sample for List/Select (IDES Employer Search)		Cmpl	04/09/1999	04/09/1999	MS	6.0	1.0	0.0	1.0	5.0					
Review Sample for Detail Data Entry (Employer Update)		Cmpl	03/08/1999	03/08/1999	MS	8.0	2.0	0.0	2.0	6.0					
Review Sample for Confirmation (Employer Update)		Cmpl	04/09/1999	04/09/1999	MS	4.0	1.0	0.0	1.0	3.0					
Approved Sample Screens		Cmpl	04/09/1999	04/23/1999	TL BK MS										
Develop GUI Prototype															
MUR - Begin Developing GUI Prototype		Cmpl	03/15/1999	03/15/1999	BB PD AS BB										
Review Prototype Approach/Sids		Cmpl	03/04/1999	03/04/1999		4.0	6.0	0.0	6.0	-2.0					

IDES ISM Project										April 2001										
Today's Date: Project as of Date:										15										
Name	Status	R	E	T	R	O	Baseline Start / End	Actual Start / End	Asn.	Baseline Estimate	Total Actual Hours	ETC	Total	Variance						
Refine prototype screen standards	Cmpl						03/29/1999	04/05/1999	PD	4.0	4.0	0.0	4.0	0.0						
Document prototype screen stds in Web Arch doc	Cmpl							04/05/1999 04/16/1999	BB PD	4.0	8.0	0.0	8.0	-4.0						
Create First Draft Prototype for Employee Red	Cmpl						03/29/1999	03/29/1999	AS	61.0	103.0	0.0	103.0	-42.0						
Create First Draft Prototype for Job Order Rest	Cmpl						04/02/1999	04/05/1999	BB	0.0	77.0	0.0	77.0	-77.0						
Create First Draft Prototype for Job App Req	Cmpl						04/03/1999	06/04/1999	AS	48.0	6.0	0.0	6.0	42.0						
Create First Draft Prototype for Job Matching	Cmpl						03/29/1999	03/29/1999	PD	24.0	47.0	0.0	47.0	-23.0						
Create First Draft Prototype for Job Matching	Cmpl						04/02/1999	04/26/1999	PD	56.0	56.0	0.0	56.0	0.0						
Create First Draft of Skill Picker (JO and AR sub-syst	Cmpl						03/22/1999	03/22/1999	BB	54.0	72.0	0.0	72.0	-18.0						
Conduct Review Sessions with project team	Cmpl						04/15/1999	06/04/1999		6.0	5.0	0.0	5.0	1.0						
Web Design Unplanned Tasks	Cmpl						03/08/1999	07/26/1999	MS	26.0	0.0	0.0	0.0	26.0						
Review Prototypes for Web Design Consistency	Cmpl						03/08/1999	07/26/1999	MS	24.0	11.0	0.0	11.0	13.0						
Reserve for Developing Initial Prototype	Cmpl						03/29/1999	03/29/1999	MS	80.0	0.0	0.0	0.0	80.0						
Unplanned Develop Skill Picker prototype for focus	Cmpl						04/12/1999	04/30/1999	TL		4.0	0.0	4.0	-4.0						
Conduct Prototyping Workshops	Cmpl							05/10/1999	AS		96.0	0.0	96.0	-96.0						
*** Iss 91 - Begin Change in Prototyping Approach ***																				
Create First Draft Prototype for Basic Data	Cmpl						04/05/1999	04/05/1999	BB	44.0	0.0	0.0	0.0	44.0						
							04/21/1999	04/21/1999	PD	40.0	0.0	0.0	0.0	40.0						

IDES ISM Project	Status	R E T R O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:	#####									
Name										
1. Revise Prototype for Basic Data after 1st workshop	Cmpl		04/22/1999	04/22/1999	BB	63.0	0.0	0.0	0.0	63.0
2. Revise Prototype for Basic Data after 2nd Workshop	Cmpl		05/07/1999	05/07/1999	BB	42.0	0.0	0.0	0.0	42.0
3. Conduct Doc IDES workshop	Cmpl		05/21/1999	05/21/1999	BB	10.0	0.0	0.0	0.0	10.0
4. Prep/Conduct Doc IDES Staff Mgr Region Hour	Cmpl		04/19/1999	04/26/1999	AS	10.0	0.0	0.0	0.0	10.0
			04/20/1999	05/11/1999	PD	10.0	0.0	0.0	0.0	10.0
			04/19/1999	04/28/1999	AS	0.0	32.0	0.0	32.0	-32.0
			04/20/1999	05/13/1999	BB	0.0	24.0	0.0	24.0	-24.0
					TL	0.0	36.0	0.0	36.0	-36.0
					KT	0.0	52.0	0.0	52.0	-52.0
					SS1	0.0	47.0	0.0	47.0	-47.0
					BK	0.0	44.0	0.0	44.0	-44.0
*** Iss 91 End - Change in Prototyping Approach ***										
Schedule Workshops rework by IDES Nov 1/2-4th	Cmpl		05/19/1999	05/19/1999	AS	2.0	0.0	0.0	0.0	2.0
Assist with pulling together prototype for workshops	Cmpl		05/29/1999	05/29/1999						
				04/23/1999	BB		9.0	0.0	9.0	-9.0
				06/04/1999	AS		16.0	0.0	16.0	-16.0
					PD		6.0	0.0	6.0	-6.0
Final "draft" prototype review session	Cmpl			04/28/1999	BB		4.0	0.0	4.0	-4.0
				06/04/1999	AS		6.0	0.0	6.0	-6.0
					PD		4.0	0.0	4.0	-4.0
Make final changes to "draft" prototype	Cmpl			04/28/1999	BB		10.0	0.0	10.0	-10.0
				06/04/1999	AS		11.0	0.0	11.0	-11.0
					PD		8.0	0.0	8.0	-8.0
Unplanned - 7 extra IETC Mgr/Staff Workshops in Ju	Cmpl			07/07/1999	SS1		59.0	0.0	59.0	-59.0
				08/13/1999	KT		54.0	0.0	54.0	-54.0
					BK		40.0	0.0	40.0	-40.0
					TL		32.0	0.0	32.0	-32.0
Pre-Conduct/Doc Employee Workshop(s)	Cmpl		04/22/1999	04/30/1999	AS	6.0	12.0	0.0	12.0	-6.0
			04/22/1999	05/11/1999	BB	6.0	0.0	0.0	0.0	6.0
					PD	6.0	0.0	0.0	0.0	6.0
Revise Prototype for Employee Red after 1st workshop	Cmpl		04/23/1999	05/07/1999	BB	15.0	0.0	0.0	0.0	15.0
			04/30/1999	06/11/1999	AS	30.0	11.0	0.0	11.0	19.0



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IDES ISM Project		#####	R E T R O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 2005 15	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:												
Name	Status											
Revise Prototype for Job Order Red after 1st workshop	Cmpl			05/03/1999	05/17/1999	AS	35.0		0.0	0.0	0.0	35.0
Revise Prototype for Job App Red after 1st workshop	Cmpl			05/07/1999	05/21/1999	PD	20.0		0.0	0.0	0.0	20.0
Revise Prototype for Job Matching after 1st workshop	Cmpl			05/12/1999	05/17/1999	PD	35.0		0.0	0.0	0.0	35.0
Review Prototype after 1 rev with ETC Partner Advis	Cmpl			05/20/1999	05/24/1999	AS	2.0		0.0	0.0	0.0	2.0
Review Prototype with Exec Sponsors	Cmpl			05/14/1999	05/28/1999	AS	2.0		2.0	0.0	2.0	0.0
Prep/Conduct IDES Workshop - EISA 15/93	Cmpl			05/14/1999	05/03/1999	PD	10.0		0.0	0.0	0.0	10.0
				05/14/1999	05/07/1999	SS1	0.0		0.0	0.0	0.0	0.0
				05/14/1999	05/14/1999	KT	10.0		7.0	0.0	7.0	3.0
						AS	10.0		0.0	0.0	0.0	10.0
Revise Prototype for Employee Req after 2nd workshop	Cmpl			05/14/1999	05/14/1999	BB	12.0		0.0	0.0	0.0	12.0
Revise Prototype for Job Order Red after 2nd workshop	Cmpl			05/19/1999	05/13/1999	AS	24.0		0.0	0.0	0.0	24.0
Revise Prototype for Job Order Red after 2nd workshop	Cmpl			05/18/1999	05/18/1999	AS	28.0		0.0	0.0	0.0	28.0
				05/21/1999	05/11/1999							
Revise Prototype for Job App Red after 2nd workshop	Cmpl			05/14/1999	05/14/1999	PD	16.0		0.0	0.0	0.0	16.0
Revise Prototype for Job Matching after 2nd workshop	Cmpl			05/21/1999	05/21/1999	PD	28.0		0.0	0.0	0.0	28.0
Reserve for Revising Prototype	Cmpl			05/03/1999	05/03/1999	TL	80.0		0.0	0.0	0.0	80.0
Prepare prototype	Cmpl			05/28/1999	06/11/1999	KT			2.0	0.0	2.0	-2.0
Inter-Agency Meeting - 6/9/99	Cmpl				06/11/1999	AS			2.0	0.0	2.0	-2.0
Revise prototype after Employer review	Cmpl				06/15/1999	BK			8.0	0.0	8.0	-8.0
Revise prototype after Partner review	Cmpl				05/03/1999	BB			0.0	0.0	0.0	0.0
Revise prototype after IDES review	Cmpl				08/02/1999	AS			10.0	0.0	10.0	-10.0
					05/03/1999	BB			0.0	0.0	0.0	0.0
					08/02/1999	AS			10.0	0.0	10.0	-10.0
					05/03/1999	AS			16.0	0.0	16.0	-16.0



IDES ISM Project	#####	R E T R O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 2001	Total Actual Hours	ETC	Total	Variance
Name	Status	O	Start / End	Start / End			15	Hours			
Unplanned - Prototype revisions for various audience Cmpl	Cmpl							101.5	0.0	101.5	-101.5
Unplanned - Design Input Analysis from Unplanned WCmpl	Cmpl							62.0	0.0	62.0	-62.0
								50.0	0.0	50.0	-50.0
								40.0	0.0	40.0	-40.0
								73.0	0.0	73.0	-73.0
								112.0	0.0	112.0	-112.0
								75.0	0.0	75.0	-75.0
								84.0	0.0	84.0	-84.0
								24.0	0.0	24.0	-24.0
								40.0	0.0	40.0	-40.0
Unplanned Prototype Presentations	Cmpl										
Unplanned - SDA Directors - 5/4, 5/6	Cmpl							0.0	0.0	0.0	0.0
								0.0	0.0	0.0	0.0
								16.0	0.0	16.0	-16.0
Unplanned - Agency Directors - 5/17	Cmpl							20.0	0.0	20.0	-20.0
								7.0	0.0	7.0	-7.0
								20.0	0.0	20.0	-20.0
								35.0	0.0	35.0	-35.0
								32.0	0.0	32.0	-32.0
Unplanned - HRIC Meeting - 5/18	Cmpl							8.0	0.0	8.0	-8.0
								8.0	0.0	8.0	-8.0
Unplanned - State Agency Staff - 5/26/99	Cmpl							10.0	0.0	10.0	-10.0
								12.0	0.0	12.0	-12.0
Unplanned - South Cook County SDA Rudy Sanchez	Cmpl							4.0	0.0	4.0	-4.0
								2.0	0.0	2.0	-2.0
Unplanned - Veterans Conference (Peoria) - 5/24/99	Cmpl							8.0	0.0	8.0	-8.0
Unplanned - CMS Presentation - 6/3/99	Cmpl							8.0	0.0	8.0	-8.0
								10.0	0.0	10.0	-10.0
Unplanned - Bloomington Presentation - 6/3/99	Cmpl							13.0	0.0	13.0	-13.0
Unplanned - Education to Careers - 6/9/99	Cmpl							8.0	0.0	8.0	-8.0

IDES ISM Project											
Today's Date: Project as of Date:											
Name	Status	RETRO	Baseline Start / End	Actual Start / End	Asn: Baseline Estimate	April 200 15	Total Actual Hours	ETC	Total	Variance	
Unplanned - US DOL - 6/14/99	Cmpl	#####					8.0	0.0	8.0	-8.0	
Unplanned - MOWD Tech Staff presentation - 7/1/99	Cmpl			06/14/1999	TL		3.0	0.0	3.0	-3.0	
Unplanned - MOWD / Pete Criticos, 7/19	Cmpl			06/21/1999	AS		3.0	0.0	3.0	-3.0	
Unplanned - IMA & IRMA Employer Presentation, 7/2	Cmpl			07/01/1999	TL		6.0	0.0	6.0	-6.0	
Unplanned - All Learners Sub-Group, 7/15	Cmpl			07/01/1999	BK		4.0	0.0	4.0	-4.0	
Unplanned - Presentation to Women's Commission a	Cmpl			07/23/1999	TL		2.0	0.0	2.0	-2.0	
Conduct Applicant Prototype Focus	Cmpl			07/22/1999	AS		2.0	0.0	2.0	-2.0	
Conduct Applicant Prototype Focus	Cmpl			07/30/1999	AS		12.0	0.0	12.0	-12.0	
Conduct Applicant Prototype Focus	Cmpl			07/15/1999	AS		4.0	0.0	4.0	-4.0	
Conduct Applicant Prototype Focus	Cmpl			08/19/1999	AS		4.0	0.0	4.0	-4.0	
Conduct Applicant Prototype Focus	Cmpl			05/04/1999	BB	4.0	0.0	0.0	0.0	4.0	
Conduct Applicant Prototype Focus	Cmpl			05/02/1999	AS	4.0	0.0	0.0	0.0	4.0	
Conduct Applicant Prototype Focus	Cmpl				KT	0.0	8.0	0.0	8.0	-8.0	
Conduct Applicant Prototype Focus	Cmpl				BK	0.0	4.0	0.0	4.0	-4.0	
Conduct Applicant Prototype Focus	Cmpl			05/04/1999	AS	8.0	0.0	0.0	0.0	8.0	
Conduct Applicant Prototype Focus	Cmpl			05/05/1999	BB	8.0	0.0	0.0	0.0	8.0	
Unplanned - 3 extra Job Seeker focus groups in July	Cmpl				KT	0.0	18.0	0.0	18.0	-18.0	
Conduct Employer Prototype Focus	Cmpl				BK	0.0	0.0	0.0	0.0	0.0	
Prepare for Employer Prototype Review	Cmpl			07/30/1999	BK		4.0	0.0	4.0	-4.0	
Conduct/Doc Employer Proto Rvw	Cmpl			08/09/1999	KT		8.0	0.0	8.0	-8.0	
Conduct/Doc Employer Prototype Focus	Cmpl			07/23/1999	KT		14.0	0.0	14.0	-14.0	
Conduct/Doc Employer Prototype Focus	Cmpl			07/26/1999	KT		10.0	0.0	10.0	-10.0	
Conduct/Doc Employer Prototype Focus	Cmpl			07/26/1999	KT		0.0	0.0	0.0	6.0	
Conduct/Doc Employer Prototype Focus	Cmpl			05/13/1999	PD	6.0	0.0	0.0	0.0	6.0	
Conduct/Doc Employer Prototype Focus	Cmpl			05/13/1999	AS	6.0	0.0	0.0	0.0	6.0	

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Name		Status		R E T R O		Baseline Start / End		Actual Start / End		Assn: Baseline Estimate	
#####											
Unplanned - IEC Steering Committee Focus Group 7 Cmpl											
Conduct Final Prototype Review Se											
Conduct Final Prototype Review with Design Review		Cmpl		05/24/1999		07/30/1999 AS		0.0		10.0	
Conduct Final Prototype Review with EIC Partner		Cmpl		05/24/1999		07/30/1999 AS		0.0		10.0	
Conduct Final Prototype Review with Executive Sp		Cmpl		05/25/1999		08/09/1999 TL		0.0		0.0	
Conduct Final Prototype Review with Executive Sp		Cmpl		05/26/1999		08/09/1999 BB		0.0		0.0	
Make Final Revisions to Prototype		Cmpl		05/27/1999		08/09/1999 AS		0.0		0.0	
Conclude GUI Prototype Subphase											
MUR - Approved GUI Prototype		Cmpl		05/28/1999		08/09/1999 BB		0.0		0.0	
Conduct Detailed Design											
MUR - Begin Detailed Design		Cmpl		03/29/1999		05/28/1999 BK		0.0		0.0	
Detail Design Guidelines & Preparation		Cmpl		05/24/1999		08/09/1999 TL		0.0		0.0	
Assist with Detail Design Standards											
Assist with writing DD Doc Stds		Cmpl		06/18/1999		08/09/1999 AS		0.0		0.0	
										</	



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Today's Date: Project as of Date:																															
Name										R E T R O		Status		#####																	
										Status		#####		R E T R O		Baseline Start / End		Actual Start / End		Assn		Baseline Estimate		Total Actual Hours		ETC		Total		Variance	
Design Forms Submission (common client side)										Cmpl		D				09/24/1999		10/11/1999		TS				12.0		0.0		12.0		-12.0	
Design Tabs (common client side)										Cmpl		D				10/29/1999		08/20/1999		TS				15.0		0.0		15.0		-15.0	
Design Form Validation (common client side)										Cmpl		D				10/29/1999		08/20/1999		TS				14.0		0.0		14.0		-14.0	
Design Error Processing (common client side)										Cmpl		D				10/29/1999		10/08/1999		TS				12.0		0.0		12.0		-12.0	
Design Field Modification Processing (common client side)										Cmpl		D				10/29/1999		08/20/1999		TS				16.0		0.0		16.0		-16.0	
Design Browser Identification (common client side)										Cmpl		D				10/11/1999		11/22/1999		TS				2.0		0.0		2.0		-2.0	
Design Style Sheet Organization (common client side)										Cmpl		D				08/20/1999		10/29/1999		TS				26.0		0.0		26.0		-26.0	
Design ISM Browser Window (common client side)										Cmpl		D				03/27/2000		03/28/2000		TS				0.0		0.0		0.0		0.0	
Design Printing (common client side)										Cmpl		D				01/17/2000		03/21/2000		TS				6.0		0.0		6.0		-6.0	
Design Other (common client side)										Cmpl		D				11/01/1999		03/21/2000		TS				10.0		0.0		10.0		-10.0	
Common Client-side proof of concept										Cmpl						10/11/1999		11/29/1999		KD				38.0		0.0		38.0		-38.0	
Design Batch Infrastructure (stats, chkp/xrst, error ha										Cmpl		D				09/09/1999		10/18/1999		TS				0.0		0.0		0.0		0.0	
Create Application Infrastructure Design Document										Cmpl						09/27/1999		12/01/1999		MZ				66.0		0.0		66.0		-66.0	
Reserve for Infrastructure Design										Cmpl						08/25/1999		08/25/1999		CJ				8.0		0.0		8.0		-8.0	
										Cmpl						08/25/1999		08/25/1999		TL				0.0		0.0		0.0		250.0	
Develop Basic Data Detail Designs										Cmpl		P				07/30/1999		11/01/1999		BB				4.0		0.0		4.0		0.0	
ISM Home Page																02/25/2000		03/09/2000													

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Name	Status	R E T R O	#####	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance	
User Logon	Cmpl	P		03/09/2000	07/12/1999	BB1	6.0	0.0	6.0	34.0	
Staff Menu	Cmpl	P		04/03/2000	10/18/1999	BB	39.0	0.0	39.0	-39.0	
Display Hierarchy List	Cmpl	D		03/10/2000	07/30/1999	BB	19.0	0.0	19.0	1.0	
Maintain Hierarchy Detail	Cmpl	D		04/06/2000	11/01/1999		41.0	0.0	41.0	-13.0	
Edit Associated Skills	Cmpl	D		06/07/1999	06/07/1999	JM	108.0	0.0	108.0	-52.0	
Maintain Skill	Cmpl	D		06/21/1999	10/04/1999	JM	56.0	0.0	56.0	-28.0	
Search Hierarchy	Cmpl	D		06/07/1999	06/07/1999	JM	91.0	0.0	91.0	-55.0	
List/Select Hierarchy Item	Cmpl	D		07/12/1999	10/04/1999	JM	35.0	0.0	35.0	-7.0	
Search Skill	Cmpl	D		06/07/1999	09/27/1999	JM	67.0	0.0	67.0	-7.0	
List/Select Skill	Cmpl	D		08/03/1999	09/27/1999		0.0	0.0	0.0	28.0	
Skill Search & Replace	Cmpl	D		06/16/1999	06/25/1999	RR	31.0	0.0	31.0	-31.0	
Search ISM Users	Cmpl	D		09/17/1999	09/27/1999	JM	67.0	0.0	67.0	-7.0	
List/Select ISM User	Cmpl	D		08/04/1999	06/16/1999	JM	46.0	0.0	46.0	-14.0	
Maintain Users	Cmpl	D		08/25/1999	09/27/1999	RR	2.0	0.0	2.0	0.0	
Change Password - move task from JM to YZ	Cmpl	D		06/16/1999	07/28/1999	RR	24.0	0.0	24.0	2.0	
Change Password - YZ	Cmpl	D		09/17/1999	10/04/1999	JM	2.0	0.0	2.0	0.0	
Build Zip Code Table	Cmpl	D		06/07/1999	06/07/1999	JM	58.0	0.0	58.0	0.0	
	Cmpl	D		08/24/1999	10/15/1999	SS	28.0	0.0	28.0	0.0	
	Cmpl	D		08/30/1999	07/09/1999	SS	0.0	0.0	0.0	20.0	
	Cmpl	D		09/10/1999	10/12/1999		3.0	0.0	3.0	-3.0	
	Cmpl	D		09/02/1999	07/01/1999	SS	60.0	0.0	60.0	-60.0	
	Cmpl	D		09/16/1999	10/04/1999	JM	1.0	0.0	1.0	-1.0	
	Cmpl	D		06/16/1999	07/28/1999	RR	97.0	0.0	97.0	-65.0	
	Cmpl	D		09/17/1999	10/04/1999						

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Name		Status		R E T R O		Baseline Start / End		Actual Start / End		Assn: Baseline Estimate	
Find Local Office - RR		Cmpl		D		06/16/1999 09/17/1999		07/02/1999 09/17/1999		RR JM	
Design Basic Data Screens		Cmpl		D				05/24/1999 07/02/1999		SS JM	
Edit Logon Message Text - RR		Cmpl		D		07/13/1999 09/17/1999		07/13/1999 09/17/1999		JM RR	
Display Logon Message		Cmpl						10/15/1999 10/25/1999		KT KT	
Job Seeker Instructions		Cmpl						10/15/1999 10/25/1999		KT KT	
Employer Registration Confirmation		Cmpl						10/15/1999 10/25/1999		KT KT	
Maintain Hierarchy Item Title Alias		Cmpl						10/11/1999 10/25/1999		JM JM	
Develop Administrative System Data											
Generate Skills Selection Sheet - moved to YZ		Cmpl		D		06/07/1999 06/24/1999		05/28/1999 09/17/1999		SS SS	
Generate Skills Selection Sheet - YZ		Cmpl		D				09/01/1999 10/27/1999		YZ SS	
List/Select Services for Employer		Cmpl		D		06/07/1999 07/12/1999		05/28/1999 09/20/1999		SS SS	
Maintain Employer Service		Cmpl		D		06/07/1999 07/19/1999		05/21/1999 10/01/1999		SS SS	
List/Select Services for Applicant		Cmpl		D		06/07/1999 08/03/1999		05/28/1999 10/01/1999		SS SS	
Maintain Service for Applicant		Cmpl		D		06/07/1999 08/12/1999		05/28/1999 10/01/1999		SS SS	
List User Communications - merged into Services		Cmpl		D		06/07/1999 08/24/1999		05/28/1999 09/17/1999		SS SS	
Develop Employer Registration Data											
Employer Request Registration		Cmpl		P		04/04/2000		07/09/1999		BB1	

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Name	Status	R	E	T	R	O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance
#####														
Search Employer Registration	Cmpl	P					04/12/2000	10/12/1999		28.0	28.0	0.0	28.0	0.0
List/Select Employer Contact	Cmpl	P					06/07/1999	06/07/1999	KT	28.0	76.0	0.0	76.0	0.0
Maintain Corporate Employer	Cmpl	P					06/22/1999	10/11/1999						
Maintain Employer Contact	Cmpl	P					06/07/1999	06/07/1999	KT	44.0	46.0	0.0	46.0	-2.0
Print Employer Contact	Cmpl	P					07/13/1999	10/11/1999	BB	44.0	9.5	0.0	9.5	34.5
Print Corporate Employer	Cmpl	P					07/01/1999	10/04/1999	BB1	44.0	62.0	0.0	62.0	-18.0
Search BFS Mirror	Cmpl	P					07/01/1999	07/01/1999	BB	44.0	9.0	0.0	9.0	35.0
List/Select BFS Mirror Results	Cmpl	P					10/04/1999	10/11/1999	BB1	8.0	6.0	0.0	6.0	2.0
	Cmpl	P					05/01/2000	07/28/1999	KT	8.0	6.0	0.0	6.0	2.0
	Cmpl	P					05/18/2000	11/01/1999						
	Cmpl	P					05/18/2000	07/28/1999	KT	8.0	6.0	0.0	6.0	2.0
	Cmpl	P					05/19/2000	11/01/1999						
	Cmpl	P					06/11/1999	06/11/1999	KT	28.0	27.0	0.0	27.0	1.0
	Cmpl	P					07/20/1999	09/27/1999						
	Cmpl	P					06/11/1999	06/11/1999	KT	68.0	51.0	0.0	51.0	17.0
							08/05/1999	10/25/1999						
Develop Job Order Detail Designs														
Search Job Order	Cmpl	P					06/11/1999	06/11/1999	KT	28.0	27.0	0.0	27.0	1.0
List/Select Job Orders	Cmpl	P					08/12/1999	09/27/1999						
Maintain Job Order	Cmpl	P					06/11/1999	06/11/1999	KT	76.0	73.0	0.0	73.0	3.0
	Cmpl	P					09/01/1999	10/18/1999						
	Cmpl	P					06/07/1999	06/07/1999	SS1	160.0	160.0	0.0	160.0	0.0
	Cmpl	P					07/23/1999	10/18/1999						
	Cmpl	P					05/19/2000	07/28/1999	AS	8.0	2.0	0.0	2.0	6.0
	Cmpl	P					05/22/2000	10/28/1999	KT	0.0	6.0	0.0	6.0	-6.0
	Cmpl	D					06/16/1999	07/28/1999	RR	32.0	36.0	0.0	36.0	-4.0
	Cmpl	D					09/17/1999	10/04/1999						
	Cmpl	D					06/16/1999	07/28/1999	RR	32.0	32.0	0.0	32.0	0.0
	Cmpl	P					09/17/1999	10/04/1999						
	Cmpl	P					04/26/1999	04/26/1999	BB	52.0	51.0	0.0	51.0	1.0
							06/16/1999	09/17/1999						



IDES ISM Project		#####		R E T R O		Baseline Start / End		Actual Start / End		Assn: Baseline Estimate		April 2001 15		Total Actual Hours		ETC		Total		Variance	
Name		Status				Baseline Start / End		Actual Start / End		Assn: Baseline Estimate				Total Actual Hours		ETC		Total		Variance	
<b>Develop Applicant Registration Deta</b>																					
List/Select Applicants		Cmpl	P			06/11/1999	06/11/1999	KT	76.0			75.0	0.0	75.0	1.0						
Maintain Applicant Registration		Cmpl	P			09/28/1999	09/27/1999	SS1	160.0			163.5	0.0	163.5	-3.5						
Print Applicant Registration		Cmpl	P			05/23/2000	07/28/1999	AS	8.0			2.0	0.0	2.0	6.0						
Maintain Applicant Skills		Cmpl	P			05/26/2000	10/28/1999	KT	0.0			6.0	0.0	6.0	-6.0						
Maintain Applicant Attributes		Cmpl	P			03/10/2000	06/16/1999	BB	52.0			44.0	0.0	44.0	8.0						
R2 - Mass Call In		Cmpl	P			04/12/2000	09/17/1999	SS1	88.0			59.5	0.0	59.5	28.5						
Maintain Applicant Registration Status		Cmpl	D			03/09/2000	10/11/1999	SS	19.0			19.0	0.0	19.0	0.0						
Edit/Add Skillset information for Applicant Registration		Cmpl	P			03/27/2000	07/28/1999	MZ	32.0			0.0	0.0	0.0	32.0						
Search Applicant Registrations		Cmpl	P			04/04/2000	10/28/1999	RR	0.0			32.0	0.0	32.0	-32.0						
		Cmpl	P			05/05/1999	05/05/1999	BB	30.0			17.0	0.0	17.0	13.0						
		Cmpl	P			06/14/1999	09/17/1999	SS	5.0			5.0	0.0	5.0	0.0						
		Cmpl	P			05/21/1999	05/21/1999	KT	55.0			67.0	0.0	67.0	-12.0						
<b>Common System - Develop Detail D</b>																					
List Hierarchy Items		Cmpl	P			06/15/1999	06/16/1999	BB	36.0			69.0	0.0	69.0	-33.0						
Search Hierarchy		Cmpl	P			06/24/1999	06/16/1999	BB	28.0			38.0	0.0	38.0	-10.0						
List/Select Hierarchy Results		Cmpl	P			07/01/1999	09/17/1999	BB	52.0			106.5	0.0	106.5	-54.5						
List Hierarchy and Skills		Cmpl	P			06/25/1999	09/17/1999	BB				62.5	0.0	62.5	-62.5						
<b>Develop Communications Infrastruc</b>																					

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Name	Today's Date: Project as of Date:	Status									
Request Communication		Cmpl	D	06/16/1999 09/17/1999	07/28/1999 10/08/1999	MS1 16.0		19.0	0.0	19.0	-3.0
Notification-Registration Processed		Cmpl	D	06/16/1999 09/17/1999	07/28/1999 10/18/1999	MS1 16.0		21.0	0.0	21.0	-5.0
Notification-Job Seeker Referral		Cmpl	D	06/16/1999 09/17/1999	07/28/1999 10/18/1999	MS1 16.0		23.0	0.0	23.0	-7.0
Notification-Employer Referral		Cmpl	D	06/16/1999 09/17/1999	07/28/1999 10/18/1999	MS1 16.0		22.0	0.0	22.0	-6.0
Notification-Employer Match		Cmpl	D	06/16/1999 09/17/1999	07/28/1999 10/25/1999	MS1 16.0		22.0	0.0	22.0	-6.0
Notification-Job Seeker Match		Cmpl	D	06/16/1999 09/17/1999	07/28/1999 10/25/1999	MS1 16.0		25.0	0.0	25.0	-9.0
R2 - Communications Purge (Purge CTT)		Cmpl	D	07/28/1999 12/26/2000	07/28/1999 12/26/2000	MS1 2.0		2.0	0.0	2.0	0.0
Create BFS Correspondence File		Cmpl	D	06/16/1999 09/17/1999	07/28/1999 10/08/1999	YZ 64.0		66.0	0.0	66.0	-2.0
Load BFS Correspondence File into BFS		Cmpl	D	06/16/1999 09/17/1999	07/28/1999 10/11/1999	YZ 32.0		32.0	0.0	32.0	0.0
Common Message Merge - moved to SS		Cmpl	D	06/16/1999 09/17/1999	07/28/1999 10/08/1999	YZ 128.0		10.0	0.0	10.0	118.0
Common Message Merge - SS		Cmpl	D		09/01/1999 10/20/1999	SS		118.0	0.0	118.0	-118.0
Create PNS File		Cmpl	D	03/26/1999 06/14/1999	03/26/1999 10/08/1999	SS 64.0		64.0	0.0	64.0	0.0
Flat File Template Load Program - moved to RR		Cmpl	D	06/16/1999 09/17/1999	07/28/1999 10/08/1999	MS1 16.0		1.0	0.0	1.0	15.0
Flat File Template Load Program		Cmpl	D		09/23/1999 10/11/1999	RR		39.0	0.0	39.0	-39.0
Format & Send E-Mail Messages		Cmpl	D	06/16/1999 09/17/1999	07/19/1999 09/29/1999	YZ 64.0		115.0	0.0	115.0	-51.0
Notification-Case Manager Referral		Cmpl			10/13/1999 10/25/1999	MS1		24.0	0.0	24.0	-24.0

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#####											
Develop Job Matching Detail Design											
List/Select Qualified Candidate		P		06/07/1999	10/12/1999	06/07/1999	06/07/1999	BB1	44.0	64.5	-20.5
Process Qualified Candidate		P		05/26/2000	06/15/2000	05/26/2000	06/16/1999	BB1	88.0	88.0	0.0
Select Qualified Job Order		P		07/12/1999	10/21/1999	07/12/1999	07/12/1999	AS	2.0	0.0	2.0
Process Qualified Job Order		P		06/16/1999	09/17/1999	06/16/1999	06/16/1999	BB1	42.0	48.0	-6.0
Process Referral Action List		P		06/07/1999	02/18/2000	06/07/1999	06/07/1999	BB1	77.0	111.0	-34.0
Job Order Initiated Match		P		06/07/1999	02/24/2000	06/07/1999	06/07/1999	BB	3.0	0.0	3.0
Applicant Initiated Match		P		03/08/2000		03/08/2000	09/20/1999	BB	52.0	52.0	0.0
Develop Interfaces Detail Design											
Process Welfare Records		D		06/16/1999	09/17/1999	06/16/1999	07/28/1999	MS1	64.0	61.0	3.0
Create Employer File		D		06/16/1999	09/17/1999	06/16/1999	07/28/1999	MS1	32.0	29.0	3.0
R2 - El&A / LMI Interface for Wage Ranges		D		04/30/1999	12/26/2000	04/30/1999	04/30/1999	JM	36.0	36.0	0.0
Process Wage Records		D		06/16/1999	09/17/1999	06/16/1999	07/28/1999	MS1	64.0	64.0	0.0
Process New Hire Registry		D		06/16/1999	09/17/1999	06/16/1999	07/28/1999	MS1	64.0	64.0	0.0
Reserve-ENDS Design		D		06/16/1999	09/17/1999	06/16/1999	12/01/1999	BP	64.0	0.0	64.0
Update Claimant History		D		06/16/1999	09/17/1999	06/16/1999	12/29/1999	YZ	64.0	64.0	0.0
Reserve for PK-ENDS Design				09/17/1999		09/17/1999	10/11/1999	BP	0.0	0.0	0.0

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Name	Status	R E T R O	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance				
Create ENDS Applicant File - PK, not JM	Cmpl	D	03/26/1999	03/26/1999	PK 0.0	29.0	0.0	29.0	-29.0				
Create ENDS Order File - PK, not JM	Cmpl	D	08/03/1999	12/06/1999	JM 128.0	99.0	0.0	99.0	29.0				
Create ENDS Referral File - PK, not JM	Cmpl	D	03/26/1999	03/26/1999	PK 0.0	32.0	0.0	32.0	-32.0				
Create ENDS Service File - PK, not JM	Cmpl	D	08/11/1999	12/13/1999	JM 128.0	80.0	0.0	80.0	48.0				
Common Reporting Interface	Cmpl	D	03/29/1999	03/29/1999	PK 0.0	41.0	0.0	41.0	-41.0				
			08/13/1999	12/13/1999	JM 128.0	61.0	0.0	61.0	67.0				
			03/26/1999	03/26/1999	PK 0.0	18.0	0.0	18.0	-18.0				
			08/16/1999	12/13/1999	JM 128.0	86.0	0.0	86.0	42.0				
				10/01/1999	RR	40.0	0.0	40.0	-40.0				
				11/08/1999									
Develop Conversion/Pilot Detail Des													
Conversion Strategy Approach (Document)	Cmpl	D		07/28/1999	AF	8.0	0.0	8.0	-8.0				
Conversion Research, Gap Analysis, etc	Cmpl	D		08/03/1999	AF	94.0	0.0	94.0	-94.0				
Investigate Load Utilities	Cmpl	D		07/30/1999	AF	4.0	0.0	4.0	-4.0				
Pilot Research and Analysis	Cmpl	D		10/25/1999	YZ	40.0	0.0	40.0	-40.0				
Conversion Team Support	Cmpl	D		07/28/1999	AF	33.0	0.0	33.0	-33.0				
Reserve - Job Order Extract Exception and Cntl Rpts	Cmpl	D		10/22/1999	AF	0.0	0.0	0.0	20.0				
Job Applicant Extract Exception and Control Report	Cmpl	D		12/06/1999	AF	13.0	0.0	13.0	7.0				
Extract Job Applicant Information and create files to	Cmpl	D		09/17/1999	AF	65.0	0.0	65.0	-5.0				
Load Registered Job Seeker table (JS) from extract	Cmpl	D		10/15/1999	AF	0.0	0.0	0.0	4.0				
Load Job Seeker Skill table (JS_SKILL) from extract	Cmpl	D		07/26/1999	AF	0.0	0.0	0.0	4.0				

IDES ISM Project		#####	R							April 2001				
Today's Date: Project as of Date:		Status	E	Actual Start / End	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance		
Name		O												
Load Job Seeker Work History table (JS_WRK_HST)	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	0.0	4.0	
Load Job Seeker Special Program tbl (JS_SPC_PGMCmpl	Cmpl	D				07/26/1999 09/17/1999	AF		0.0	0.0	0.0	0.0	0.0	
Load Job Seeker Status table (JS_STAT) - set job se	Cmpl	D				07/26/1999 09/17/1999	AF		0.0	0.0	0.0	0.0	0.0	
Extract Job Applicant Services provided by ES	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 10/15/1999	AF	60.0	102.0	0.0	102.0	-42.0		
Load Job Seeker Services Provided (JS_SRVC_PRO	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	0.0	4.0	
Reserve - Manual Job Orders and Emplr Registr	Cmpl	D		06/16/1999 09/17/1999		12/01/1999 01/27/2000	BP	60.0	0.0	0.0	0.0	0.0	60.0	
Load Job Order table (JO) from extracted file from	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	0.0	4.0	
Load Job Order Stat table (JO_STAT) from extracted	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	0.0	4.0	
Load Job Order Skill table (JO_SKILL) from extracted	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	0.0	4.0	
Convert Title Alias Data	Cmpl					10/13/1999 11/01/1999	AF		7.0	0.0	7.0	-7.0		
Export Cluster, Group, Title, Skill-Title, and Skill data	Cmpl	D		06/16/1999 09/17/1999		09/27/1999 11/01/1999	AF	4.0	59.0	0.0	59.0	-55.0		
Load Cluster table (CLUSTER) from Paradox data.	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	0.0	4.0	
Load Group (GROUP) table from Paradox data.	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	0.0	4.0	
Load Title (TITLE) table from Paradox data.	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 10/26/1999	AF	4.0	0.0	0.0	0.0	0.0	4.0	
Load Skills (SKILL) table from Paradox data.	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	0.0	4.0	
Load Title-Skills (TITL_SKL) table from Paradox data	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	0.0	4.0	
Load CLD table (C_L_DICT).	Cmpl	D		06/16/1999 09/17/1999		07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	0.0	4.0	

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IDES ISM Project		R E T R O		Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	April 2005 15	Total Actual Hours	ETC	Total	Variance
##### Status											
Load Local Office table (LOC_OFF).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load County table (COUNTY).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load DOT Code table (DOT_CODE).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 10/26/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Edit Codes Base table (ES_CD_TB).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load ES Edit Codes table (ES_CODES).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load IETC Partner table (IETC_PRT).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 10/26/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Office Location table (OFFC_LOC).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Organizational Office table (OFFC_ORG).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Extract Applicant Referrals from ODDS		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	60.0	0.0	0.0	0.0	60.0
Load Qualified Active Candidate table (QUAL_REF)		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Employer Registration table (REG_EMP).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Service Delivery Area table (SDA).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Security table (SECURITY).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Service table (SERVICE).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load SIC Code table (SIC_CODE).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load SOC Code table (SOC_CODE).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Staff table (STAFF).		Cmpl	D	06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0

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Name	Status	R E T R O	#####	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance
Load STDK table (STDK).	Cmpl	D		06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Occupational Relation ISM/DOT table (TITL_DOTCmpl		D		06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Occupational Relation ISM/SIC table (TITL_SICCmpl		D		06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Occupational Relation ISM/SOC table (TITL_SOCmpl		D		06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Zip to Zip Proximity table (ZIP2ZIP)	Cmpl	D		06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Zip Code table (ZIP_CODE).	Cmpl	D		06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load DOT-SOC table.	Cmpl	D		06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	4.0	0.0	0.0	0.0	4.0
Load Special Program table (SPCL_PGM) (20 hours)	Cmpl	D		06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	20.0	0.0	0.0	0.0	20.0
Load Service Provider Service table (SPRV_SRV). (2Cmpl		D		06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	20.0	0.0	0.0	0.0	20.0
Load Service Provider table (SRV_PROV). (20 HOURCmpl		D		06/16/1999 09/17/1999	07/26/1999 09/17/1999	AF	20.0	0.0	0.0	0.0	20.0
<b>Develop Reporting Detail Designs</b>											
Daily Activity Report	Cmpl	D		08/09/1999 10/25/1999	08/09/1999 10/25/1999	AL		58.0	0.0	58.0	-58.0
Daily Result Report	Cmpl	D		08/09/1999 10/25/1999	08/09/1999 10/25/1999	MZ		20.0	0.0	20.0	-20.0
Non-Compliance Report	Cmpl	D		08/09/1999 10/25/1999	08/09/1999 10/25/1999	AL		27.0	0.0	27.0	-27.0
Employer Activity Report	Cmpl	D		08/09/1999 10/25/1999	08/09/1999 10/25/1999	MZ		2.0	0.0	2.0	-2.0
Job Orders Requiring Manual Communications Repor	Cmpl	D		08/09/1999 10/25/1999	08/09/1999 10/25/1999	AL		25.0	0.0	25.0	-25.0
New/Changed Job Orders Report	Cmpl	D		08/09/1999 10/25/1999	08/09/1999 10/25/1999	MZ		0.0	0.0	0.0	0.0
				08/09/1999 10/25/1999	08/09/1999 10/25/1999	AL		46.0	0.0	46.0	-46.0
				08/09/1999 10/25/1999	08/09/1999 10/25/1999	MZ		0.0	0.0	0.0	0.0
				08/09/1999 10/25/1999	08/09/1999 10/25/1999	AL		27.0	0.0	27.0	-27.0
				08/09/1999 10/25/1999	08/09/1999 10/25/1999	MZ		0.0	0.0	0.0	0.0
				08/09/1999 10/25/1999	08/09/1999 10/25/1999	AL		16.0	0.0	16.0	-16.0
				08/09/1999 10/25/1999	08/09/1999 10/25/1999	MZ		0.0	0.0	0.0	0.0

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Name	Status	R	E	T	O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance		
Hire the Future Report	Cmpl	D					08/09/1999 10/25/1999	AL MZ		51.0 14.0	0.0 0.0	51.0 14.0	-51.0 -14.0		
Maintain Report Parameter Table	Cmpl	D					08/09/1999 10/25/1999	MZ AL		10.0 40.5	0.0 0.0	10.0 40.5	-10.0 -40.5		
Reserve for Reporting Detail Design	Cmpl						09/13/1999 11/04/1999	BP		0.0	0.0	0.0	0.0		
Reserve used for Reports	Cmpl					09/15/1999 09/15/1999	TL	171.0		0.0	0.0	0.0	171.0		
Designs Merged into Others															
Display Trial Match - Merged into JOSP03	Cmpl	P				06/07/1999 10/04/1999	BB1 KT	92.0 0.0		34.0 0.0	0.0 0.0	34.0 0.0	58.0 0.0		
Maintain Job Order Attributes- Merged into JOSP03	Cmpl	P				06/07/1999 08/18/1999	SS1 BB	88.0 0.0		42.5 30.0	0.0 0.0	42.5 30.0	45.5 -30.0		
Q/A Reviews															
Lead Analyst Design Reviews	Cmpl	D				06/01/1999 09/30/1999	CJ	64.0		14.0	0.0	14.0	50.0		
Team Leader Design Reviews	Cmpl	P				05/03/1999 09/30/1999	MZ BP AS	0.0 0.0 80.0		12.0 25.0 8.0	0.0 0.0 0.0	12.0 25.0 8.0	-12.0 -25.0 72.0		
Plan Development Activities															
Define Initial Release Plan and Builds	Cmpl	P				07/06/1999 07/30/1999	BP AS	0.0 24.0		12.0 12.0	0.0 0.0	12.0 12.0	-12.0 12.0		
Prepare Mainframe Environment	Cmpl						10/04/1999 11/01/1999	JM		13.0	0.0	13.0	-13.0		
Development Builds Identified	Cmpl						MZ BP AS TL								
Unplanned Tasks for Detail Design															



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IDES ISM Project		April 2000 15									
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Name											
Status		R E T R O									
Baseline Start / End											
Actual Start / End											
Assn. Baseline Estimate											
Total Actual Hours											
ETC											
Total											
Variance											
Detail Design Deliverable Support		Cmpl		D		07/16/1999: JM		50.0		0.0	
Reserve for Detail Design		Cmpl		P		11/01/1999: SS		50.0		0.0	
R2 Designs Completed in R1						06/25/1999: MZ		12.0		0.0	
Release2 - Request Self Service Jobs						12/27/1999: BP		0.0		0.0	
Release2 - List Self Service Jobs						AS		46.0		0.0	
Release2 - Process Federal Contractor Information						AS		504.0		0.0	
Conclude DD Subphase		Cmpl		D		05/28/1999: SS		20.0		0.0	
MUR Detail Design Complete						09/17/1999: SS		36.0		0.0	
Project Mgmt Tasks - AS Dev T						05/10/1999: SS		64.0		0.0	
Project Management & Control						09/17/1999: YZ		64.0		0.0	
Weekly Status/Issues/Meetings (2-3 hrs /week)		Cmpl				10/18/1999: BB1		114.5		0.0	
Weekly Status/Issues/Meetings (2-3 hrs /week)						03/01/1999: SS1		159.5		0.0	
Weekly Status/Issues/Meetings (2-3 hrs /week)						04/03/2000: KT		84.0		0.0	
Weekly Status/Issues/Meetings (2-3 hrs /week)						BB		185.0		0.0	
Weekly Status/Issues/Meetings (2-3 hrs /week)						AS		230.0		0.0	
Weekly Status/Issues/Meetings (2-3 hrs /week)						10/18/1999: GK		42.0		0.0	
Weekly Status/Issues/Meetings (2-3 hrs /week)						03/31/2000: SK		49.0		0.0	
Weekly Status/Issues/Meetings (2-3 hrs /week)						04/03/2000: SK1		44.0		0.0	
Weekly Status/Issues/Meetings (2-3 hrs /week)						TL1		51.0		0.0	
Weekly Status/Issues/Meetings (2-3 hrs /week)						DA		58.0		0.0	
Weekly Status/Issues/Meetings (2-3 hrs /week)						AS		166.0		0.0	
Maintain Detailed Work Plan		Cmpl				06/01/1999: AS		166.0		0.0	
Maintain Detailed Work Plan						03/31/2000: AS		166.0		0.0	

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<p>IDES ISM Project</p> <p>Today's Date: Project as of Date:</p> <p>Name</p>	#####	R E T R O	Baseline Start / End	Actual Start / End	Assn/ Baseline Estimate	April 2001 15	Total Actual Hours	ETC	Total	Variance
Manage Team	Cmpl		06/01/1999 03/31/2000	06/01/1999 03/31/2000	AS AS		476.0	0.0	476.0	100.0
Resolve Variances and Address Problems	Cmpl		06/01/1999 03/31/2000	06/01/1999 03/31/2000	AS AS		86.0	0.0	86.0	78.0
Manage Issues and Changes	Cmpl		06/01/1999 03/31/2000	06/01/1999 03/31/2000	AS AS		92.0	0.0	92.0	72.0
Manage/Acceptance of Deliverables	Cmpl		06/01/1999 03/31/2000	06/01/1999 03/31/2000	AS AS		45.0	0.0	45.0	-5.0
Write Team Member Expectations	Cmpl		04/01/1999 03/31/2000	04/01/1999 03/31/2000	AS AS		20.0	0.0	20.0	0.0
Reserve for AS Development Tasks	Cmpl		10/18/1999 03/31/2000	10/18/1999 03/31/2000	AS AS		0.0	0.0	0.0	106.0
<b>Maintain Prototype for Marketing</b>										
Update prototype for new look and feel	Cmpl		01/10/2000 02/11/2000	01/10/2000 02/28/2000	RD RD		259.0	0.0	259.0	-59.0
Support prototype presentations (12/21 Spgflid, 12/23 Cmpl	Cmpl			12/21/1999 12/23/1999	AS AS		12.0	0.0	12.0	-12.0
Revise prototype as needed for marketing presentati	Cmpl			11/01/1999 03/10/2000	AS AS		40.0	0.0	40.0	-40.0
Revise prototype "movie"	Cmpl			02/14/2000 03/10/2000	AS RD		0.0	0.0	0.0	0.0
							25.0	0.0	25.0	-25.0
<b>Code/Unit Test Startup</b>										
Code/Test Orientation & Startup										
ISM Orientation	Cmpl			10/18/1999 01/21/2000	GK SK		32.0	0.0	32.0	-32.0
					SK1		57.0	0.0	57.0	-57.0
					TL1		61.0	0.0	61.0	-61.0
					DA		95.0	0.0	95.0	-95.0
					SS1		32.0	0.0	32.0	-32.0
Development Orientation	Cmpl			10/22/1999 01/21/2000	KT		35.0	0.0	35.0	-35.0
							24.0	0.0	24.0	-24.0

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Today's Date: Project as of Date:															
Name		Status		RETRO		Baseline Start / End		Actual Start / End		Assn: Baseline Estimate		Total Actual Hours		ETC Total Variance	
LC - Koroj		Cmpl				11/01/1999 01/07/2000		11/01/1999 01/07/2000		BB1 BB		51.0 35.0 0.0		0.0 0.0 0.0	
LC - Bill		Cmpl				10/18/1999 01/07/2000		10/18/1999 01/07/2000		BB1		0.0		0.0	
LC - Brad		Cmpl				10/22/1999 01/07/2000		10/22/1999 01/07/2000		BB		0.0		0.0	
LC - Sue		Cmpl				10/18/1999 01/07/2000		10/18/1999 01/07/2000		SS1		0.0		0.0	
LC - Tom		Cmpl				10/18/1999 01/07/2000		10/18/1999 01/07/2000		TL1		0.0		0.0	
LC - Daniel		Cmpl				11/08/1999 01/07/2000		11/08/1999 01/07/2000		DA		0.0		0.0	
LC - Gunter		Cmpl				11/08/1999 01/07/2000		11/08/1999 01/07/2000		GK		0.0		0.0	
LC - Steenivas		Cmpl				10/18/1999 01/07/2000		10/18/1999 01/07/2000		SK		0.0		0.0	
LC - Saptarshi		Cmpl				10/18/1999 01/07/2000		10/18/1999 01/07/2000		SK1		0.0		0.0	
Code/Unit Test															
Revise System Look and Feel		Cmpl				01/31/2000		01/31/2000		BP		0.0		0.0	
Update Layout, Images, Body color, etc.						02/10/2000		03/13/2000		DA		4.0		4.0	
										GK		8.0		8.0	
										SK1		4.0		4.0	
										SK		4.0		4.0	
										SS1		4.0		4.0	
										KT		4.0		4.0	
														96.0	
Build 1 Q/A Tasks															

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Today's Date: Project as of Date:		#####																					
Name																							
Provide Tech Support for Team (4 hrs max/week)		Cmpl				10/18/1999		10/18/1999		BB		48.0		48.0		48.0		0.0		48.0		0.0	
Code/Test Plan Reviews (4 hrs max/week)		Cmpl				01/07/2000		01/24/2000		KT		48.0		48.0		44.0		0.0		44.0		4.0	
Build 1 String Testing																							
Write String Test Plan		Cmpl				12/17/1999		12/03/1999		KT		35.0		35.0		34.0		0.0		34.0		1.0	
Execute String Test Plan		Cmpl				12/29/1999		03/06/2000		KT		35.0		35.0		104.0		0.0		104.0		-69.0	
Build 1 Code/Unit Test																							
ISM Home Page		Cmpl				01/14/2000		03/06/2000		AS		35.0		35.0		0.0		0.0		0.0		35.0	
User Logon		Cmpl				10/25/1999		11/05/1999		DA		46.0		46.0		176.0		0.0		176.0		-130.0	
Validate User Login (SP001)		Cmpl				11/04/1999		01/24/2000		DA		92.0		92.0		241.0		0.0		241.0		-149.0	
Staff Menu		Cmpl				11/04/1999		02/11/2000		DA		10.0		10.0		0.0		0.0		0.0		10.0	
Employer Registration Confirmation		Cmpl				12/02/1999		01/14/2000		DA		46.0		46.0		56.0		0.0		56.0		-10.0	
Search Hierarchy		Cmpl				12/03/1999		01/24/2000		SK		46.0		46.0		56.0		0.0		56.0		-10.0	
List/Select Hierarchy Results		Cmpl				11/08/1999		10/25/1999		TL1		64.0		64.0		68.0		0.0		68.0		-4.0	
Hierarchy Keyword Search (SP028)		Cmpl				12/03/1999		01/24/2000		TL1		74.0		74.0		270.0		0.0		270.0		-196.0	
List Hierarchy and Skills		Cmpl				11/22/1999		02/11/2000		TL1		28.0		28.0		28.0		0.0		28.0		0.0	
Trace Hierarchy (SP059)		Cmpl				12/20/1999		11/05/1999		BB		100.0		100.0		191.0		0.0		191.0		-91.0	
Maintain Session Skill (SP133)		Cmpl				12/17/1999		01/24/2000		BB		28.0		28.0		21.0		0.0		21.0		7.0	
		Cmpl				12/28/1999		01/31/2000		BB		28.0		28.0		0.0		0.0		0.0		0.0	
		Cmpl				11/01/1999		10/29/1999		BB		28.0		28.0		0.0		0.0		0.0		0.0	
		Cmpl				11/30/1999		01/31/2000		BB		28.0		28.0		0.0		0.0		0.0		0.0	
		Cmpl				12/01/1999		11/05/1999		BB		28.0		28.0		0.0		0.0		0.0		0.0	
		Cmpl				12/07/1999		12/07/1999		BB		28.0		28.0		0.0		0.0		0.0		0.0	
		Cmpl						11/22/1999		BB		28.0		28.0		0.0		0.0		0.0		0.0	
		Cmpl						11/22/1999		BB		28.0		28.0		0.0		0.0		0.0		0.0	

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IDES ISM Project		R E T R O		Baseline Start / End	Actual Start / End	Assn:	Baseline Estimate	April 2000 15	Total Actual Hours	ETC	Total	Variance
Name		Status		Baseline Start / End	Actual Start / End	Assn:	Baseline Estimate	April 2000 15	Total Actual Hours	ETC	Total	Variance
Employer Request for Registration		#####		10/18/1999 10/29/1999	10/18/1999 01/24/2000	BB1	64.0		290.0	0.0	290.0	-226.0
Create Employer Contact (SP029)		Cmpl		11/01/1999 11/05/1999	10/22/1999 01/24/2000	BB1	28.0		42.5	0.0	42.5	-14.5
Create User Login (SP036)		Cmpl		11/08/1999 11/12/1999	11/08/1999 02/04/2000	BB1	28.0		167.5	0.0	167.5	-139.5
List/Select Job Order		Cmpl		11/01/1999 11/16/1999	10/29/1999 01/31/2000	SK	54.0		213.0	0.0	213.0	-159.0
Build/Maintain List of Job Order Keys (SP018)		Cmpl		11/16/1999 11/16/1999	11/05/1999 01/17/2000	SK	50.0		70.0	0.0	70.0	-20.0
Count Job Orders (SP019)		Cmpl		12/03/1999 12/06/1999	10/29/1999 01/17/2000	SK	10.0		46.0	0.0	46.0	-36.0
Retrieve Job Order Details (SP100)		Cmpl		12/03/1999 12/17/1999	10/29/1999 01/17/2000	SK	50.0		70.0	0.0	70.0	-20.0
Maintain Job Order		Cmpl		10/18/1999 12/17/1999	10/18/1999 02/11/2000	SS1	260.0		364.0	0.0	364.0	-104.0
Create/Update Job Order (SP020)		Cmpl		12/20/1999 01/07/2000	10/29/1999 01/31/2000	SS1	72.0		137.5	0.0	137.5	-65.5
Create/Update Job Order Benefits (SP277)		Cmpl			11/22/1999 11/22/1999	SS1			0.0	0.0	0.0	0.0
List/Select Qualified Candidate		Cmpl		11/15/1999 12/08/1999	11/15/1999 02/18/2000	BB1	92.0		23.0	0.0	23.0	69.0
Build/Maintain List of Qualified Candidate Keys (SP010)		Cmpl		12/09/1999 12/21/1999	12/09/1999 01/24/2000	SK1	0.0		94.0	0.0	94.0	-94.0
Retrieve Qualified Candidate Details (SP048)		Cmpl		12/21/1999 12/21/1999	01/24/2000 12/10/1999	BB1	50.0		0.0	0.0	0.0	50.0
Count Qualified Candidates (SP049)		Cmpl		01/05/2000 01/06/2000	12/10/1999 01/24/2000	SK1	0.0		60.0	0.0	60.0	-60.0
Process Qualified Candidate		Cmpl		01/07/2000 11/01/1999	01/24/2000 11/01/1999	BB1	50.0		0.0	0.0	0.0	50.0
Referral Request (SP022)		Cmpl		12/07/1999 12/07/1999	02/11/2000 11/12/1999	KT	120.0		258.0	0.0	258.0	-138.0
Job Order Initiated Match (SP024)		Cmpl		12/14/1999 12/08/1999	01/31/2000 11/26/1999	BB	28.0		104.0	0.0	104.0	-76.0
		Cmpl		01/07/2000	01/31/2000		72.0		136.0	0.0	136.0	-64.0



IDES ISM Project		Status		Baseline		Actual		Assn		Baseline Estimate		Total Actual Hours		ETC		Total		Variance	
Name		Status		Baseline Start / End		Actual Start / End		Assn		Baseline Estimate		Total Actual Hours		ETC		Total		Variance	
Build 2 Q/A Tasks																			
Provide Tech Support for Team (4 hrs max/week)		Cmpl		01/10/2000 02/25/2000		01/10/2000 03/13/2000		BB		28.0		23.0		0.0		23.0		5.0	
Code/Test Plan Reviews (4 hrs max/week)		Cmpl		01/10/2000 02/25/2000		01/10/2000 03/27/2000		SS1		28.0		27.0		0.0		27.0		1.0	
Build 2 String Testing																			
Write String Test Plan		Cmpl		02/14/2000 02/25/2000		02/14/2000 03/17/2000		SS1		70.0		4.0		0.0		4.0		66.0	
Execute String Test Plan		Cmpl		02/28/2000 03/10/2000		03/27/2000 04/13/2000		SK1 GK BB SS1		0.0 0.0 70.0 70.0		29.0 43.0 30.0 75.0		0.0 0.0 0.0 0.0		29.0 43.0 30.0 75.0		-29.0 -43.0 40.0 -5.0	
Build 2 Code/Unit Test																			
Maintain Applicant Registration		Cmpl		01/10/2000 02/25/2000		01/24/2000 03/28/2000		SS1 BB		144.0 116.0		232.0 110.0		0.0 0.0		232.0 110.0		-88.0 6.0	
Create/Update Applicant Work Hist. Education (SP0)		Cmpl		01/10/2000 01/24/2000		01/24/2000 03/27/2000		BB		72.0		83.0		0.0		83.0		-11.0	
Create/Update Job Seeker Status (SP???)		Cmpl		01/24/2000		03/10/2000 03/20/2000		BB				14.0		0.0		14.0		-14.0	
Create/Update/Delete Applicant Work History (SP082)		Cmpl		01/24/2000 02/02/2000		01/24/2000 02/25/2000		BB		50.0		25.0		0.0		25.0		25.0	
Create/Update/Delete Applicant Education (SP105)		Cmpl		02/02/2000 02/11/2000		01/24/2000 03/03/2000		BB		50.0		22.0		0.0		22.0		28.0	
Capture Job Seeker Veteran Information		Cmpl		11/08/1999 12/10/1999		11/12/1999 03/20/2000		SK1 DA		116.0 0.0		35.0 169.0		0.0 0.0		35.0 169.0		81.0 -169.0	
Create Veteran Information (SP121)		Cmpl		12/10/1999 12/28/1999		12/03/1999 03/03/2000		SK1 DA		50.0 0.0		25.0 0.0		0.0 0.0		25.0 0.0		25.0 0.0	
Update Veteran Information (SP122)		Cmpl		12/28/1999 01/11/2000		12/10/1999 02/25/2000		SK1		50.0		8.0		0.0		8.0		42.0	
Job Seeker Instructions		Cmpl		02/02/2000		01/24/2000		SK		46.0		36.0		0.0		36.0		10.0	

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IDES ISM Project		R E T R O		April 2001 15					
Today's Date: Project as of Date:		#####							
Name	Status	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance	
Search Employer Registration	Cmpl	02/11/2000 01/03/2000	03/14/2000 11/03/1999	64.0	115.0	0.0	115.0	-51.0	
List/Select Employer Contact	Cmpl	01/14/2000 01/17/2000	03/21/2000 11/29/1999	54.0	134.0	0.0	134.0	-80.0	
Build/Maintain List of Employer Contact Keys (SP033)	Cmpl	01/26/2000 01/26/2000	03/21/2000 12/03/1999	50.0	49.0	0.0	49.0	1.0	
Count Employer Contact (SP034)	Cmpl	02/04/2000 02/07/2000	01/31/2000 11/19/1999	10.0	79.0	0.0	79.0	-69.0	
Retrieve Employer Contact Details (SP097)	Cmpl	02/08/2000 02/17/2000	01/31/2000 11/26/1999	50.0	49.0	0.0	49.0	1.0	
Maintain Corporate Employer	Cmpl	01/10/2000 02/01/2000	01/24/2000 03/27/2000	116.0	66.0	0.0	66.0	50.0	
Create Corporate Employer (SP031)	Cmpl	02/01/2000 02/07/2000	01/24/2000 02/28/2000	28.0	28.0	0.0	28.0	0.0	
Update Corporate Employer (SP032)	Cmpl	02/07/2000 02/11/2000	01/24/2000 02/28/2000	28.0	28.0	0.0	28.0	0.0	
Maintain Employer Contact	Cmpl	01/12/2000 02/03/2000	11/05/1999 04/04/2000	116.0	241.0	0.0	241.0	-125.0	
Create Employer Contact (SP029)	Cmpl	02/03/2000 02/09/2000	12/10/1999 03/03/2000	28.0	36.0	0.0	36.0	-8.0	
Update Employer Contact (SP030)	Cmpl	02/09/2000 02/15/2000	12/10/1999 03/03/2000	28.0	40.0	0.0	40.0	-12.0	
Search Job Order	Cmpl	02/11/2000 02/11/2000	03/03/2000 12/30/1999	64.0	117.0	0.0	117.0	-53.0	
List/Select JS Qual Job Orders	Cmpl	02/24/2000 11/08/1999	03/23/2000 01/24/2000	54.0	45.0	0.0	45.0	9.0	
Build/Maintain List of Qualified Job Order Keys (SP060)	Cmpl	11/19/1999 11/22/1999	03/24/2000 01/24/2000	50.0	38.0	0.0	38.0	12.0	
Retrieve Qualified Job Order Details (SP064)	Cmpl	12/08/1999 12/08/1999	03/06/2000 01/24/2000	50.0	38.0	0.0	38.0	12.0	
Count Qualified Job Orders (SP065)	Cmpl	12/23/1999 12/27/1999	03/06/2000 01/24/2000	10.0	4.0	0.0	4.0	6.0	
Process Qualified Job Order	Cmpl	12/28/1999 01/17/2000	03/06/2000 01/31/2000	120.0	152.0	0.0	152.0	-32.0	

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IDES ISM Project		April 2001																	
Today's Date:																			
Project as of Date:																			
Name																			
#####		R E T R O		Status		Baseline Start / End		Actual Start / End		Assn: Baseline Estimate		Total Actual Hours		ETC		Total		Variance	
Process Referral/Action List		Cmpl				02/11/2000 01/10/2000		04/03/2000 01/24/2000		SK 72.0		76.0		0.0		76.0		-4.0	
Update Referral Request (SP023)		Cmpl				01/24/2000 01/24/2000		03/15/2000 01/24/2000		SK 28.0		28.0		0.0		28.0		0.0	
Build/Maintain List of Referral/Action Keys (SP109)		Cmpl				01/28/2000 01/28/2000		02/28/2000 01/24/2000		SK 50.0		30.0		0.0		30.0		20.0	
Count Referral/Action Results (SP110)		Cmpl				02/08/2000 02/08/2000		03/05/2000 01/24/2000		SK 10.0		10.0		0.0		10.0		0.0	
Retrieve Referral/Action Details (SP111)		Cmpl				02/09/2000 02/10/2000		03/03/2000 01/24/2000		SK 50.0		30.0		0.0		30.0		20.0	
Applicant Initiated Match (SP026)		Cmpl				02/21/2000 01/10/2000		03/06/2000 01/24/2000		BB 72.0		41.0		0.0		41.0		31.0	
Build 3 Q/A Tasks																			
Tech Team Support		Cmpl						02/11/2000 03/13/2000		GK		40.0		0.0		40.0		-40.0	
Obsolete Code/Test Plan Reviews (4 hrs max/week)		Cmpl				02/28/2000 04/07/2000		02/28/2000 04/07/2000		GK 24.0		0.0		0.0		0.0		24.0	
Write Build 3 String Test Plan		Cmpl						04/05/2000 04/05/2000		SK1		0.0		0.0		0.0		0.0	
Execute Build 3 String Test Plan		Cmpl						04/11/2000 04/12/2000		SK1		8.0		0.0		8.0		-8.0	
Build 3 Code/Unit Test																			
Search Applicant Registration		Cmpl				02/28/2000 03/17/2000		01/28/2000 03/21/2000		GK 64.0		106.0		0.0		106.0		-42.0	
List/Select Applicants		Cmpl				02/28/2000 03/08/2000		01/31/2000 03/14/2000		GK 54.0		52.0		0.0		52.0		2.0	
Build/Maintain List of Applicant Keys (SP014)		Cmpl				03/08/2000 03/17/2000		01/31/2000 03/13/2000		GK 50.0		38.0		0.0		38.0		12.0	
Count Applicant (SP015)		Cmpl				03/20/2000 03/21/2000		01/31/2000 03/13/2000		GK 10.0		14.0		0.0		14.0		-4.0	



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IDES ISM Project	#####	R E T R O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 2001 15	Total Actual Hours	ETC	Total	Variance
Retrieve Applicant Details (SP074)	Cmpl		03/21/2000 03/30/2000	01/31/2000 03/13/2000	GK	50.0		10.0	0.0	10.0	40.0
Print Preview Applicant Registration	Cmpl		02/28/2000 03/09/2000	03/03/2000 03/31/2000	SK	54.0		54.0	0.0	54.0	0.0
Display Logon Message	Cmpl		02/28/2000 03/07/2000	03/20/2000 03/31/2000	TL1	46.0		20.0	0.0	20.0	26.0
Print Employer Contact	Cmpl		03/07/2000 03/16/2000	03/28/2000 03/30/2000	SK	46.0		16.0	0.0	16.0	30.0
Print Corporate Employer	Cmpl		03/16/2000 03/24/2000	02/28/2000 04/03/2000	SK1	46.0		14.0	0.0	14.0	32.0
Search BFS Mirror	Cmpl		02/28/2000 03/17/2000	01/28/2000 03/10/2000	TL1	64.0		58.0	0.0	58.0	6.0
List/Select BFS Mirror Results	Cmpl		02/28/2000 03/17/2000	01/31/2000 03/21/2000	TL1	72.0		88.0	0.0	88.0	-16.0
Build/Maintain List of BFS Mirror Keys (SP035)	Cmpl		03/13/2000 03/22/2000	01/31/2000 03/10/2000	TL1	50.0		6.0	0.0	6.0	44.0
Count BFS Mirror/ISM Corp Employer (SP098)	Cmpl		03/22/2000 03/23/2000	01/28/2000 03/10/2000	TL1	10.0		10.0	0.0	10.0	0.0
Retrieve BFS Mirror Details (SP099)	Cmpl		03/23/2000 03/31/2000	01/31/2000 03/10/2000	TL1	50.0		30.0	0.0	30.0	20.0
Print Preview Job Order	Cmpl		03/31/2000 03/13/2000	03/10/2000 03/06/2000	SS	0.0		4.0	0.0	4.0	-4.0
			03/22/2000	03/31/2000	SK	54.0		67.0	0.0	67.0	-13.0
<b>Project Mgmt Tasks - BP Dev T</b>											
<b>Project Management &amp; Control</b>											
Weekly Status Issues Meetings (2-3 hrs/week)	Cmpl		03/01/1999 04/13/2000	03/01/1999 04/10/2000	SJ	62.0		53.0	0.0	53.0	9.0
					JM	138.0		136.0	0.0	136.0	2.0
					SS	151.0		175.0	0.0	175.0	-24.0
					CJ	96.0		96.0	0.0	96.0	0.0
					BP	165.0		125.0	0.0	125.0	40.0
					YZ	112.0		111.0	0.0	111.0	1.0
					AF	100.0		89.0	0.0	89.0	11.0
					MS1	100.0		134.0	0.0	134.0	-34.0
					RR	113.0		119.0	0.0	119.0	-6.0

IDES ISM Project	#####	R E T R O	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	April 2001 15	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:										
Name										
Weekly Status/Issues/Meetings (2-3 hrs/week)	Cmpl		10/18/1999 04/13/2000	10/18/1999 04/17/2000	BP VG BV AP JB KD MD SK1 PK BP		3.0 32.0 42.0 42.0 56.0 35.0 59.0 3.0 51.0 260.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.0 32.0 42.0 42.0 56.0 35.0 59.0 3.0 51.0 260.0	-3.0 -32.0 18.0 18.0 -56.0 -35.0 -59.0 -3.0 4.0 -260.0
Maintain Detailed Work Plan	Cmpl		06/01/1999 04/13/2000	06/01/1999 04/07/2000	BP		525.0	0.0	525.0	-525.0
Manage Team	Cmpl		06/01/1999 04/13/2000	06/01/1999 04/17/2000	BP		197.5	0.0	197.5	-197.5
Resolve Variances and Address Problems	Cmpl		06/01/1999 04/13/2000	06/01/1999 04/07/2000	BP		204.0	0.0	204.0	-204.0
Manage Issues and Changes	Cmpl		06/01/1999 04/13/2000	06/01/1999 04/07/2000	BP		175.0	0.0	175.0	-175.0
Manage Acceptance of Deliverables	Cmpl		06/01/1999 04/13/2000	06/01/1999 04/07/2000	BP		10.0	0.0	10.0	-10.0
Write Team Member Expectations	Cmpl		06/30/1999 04/01/1999	06/30/1999 04/19/1999	BP		0.0	0.0	0.0	297.0
Reserve for BP Development Tasks	Cmpl		10/19/1999 10/12/2000	10/19/1999 10/12/2000	BP		0.0	0.0	0.0	0.0
Reserve for Dev	Cmpl		03/31/2000 03/31/2000	03/31/2000 03/31/2000	BP		0.0	0.0	0.0	0.0
Code/Unit Test Startup										
Code/Test Orientation & Startup										
ISM Orientation	Cmpl		08/02/1999 08/13/1999	07/02/1999 01/31/2000	JM SS MS1 YZ		24.0 24.0 48.0 59.0	0.0 0.0 0.0 0.0	24.0 24.0 48.0 59.0	-24.0 -24.0 -24.0 -35.0

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IDES ISM Project	#####	RETRO			April 20015				
Today's Date: Project as of Date:									
Name	Status	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance
ISM Orientation	Cmpl			RR AF SJ VG BV AP JB KD MD PK PK	24.0 24.0 0.0        70.0	44.0 42.0 48.0 32.0 45.0 32.0 40.0 26.0 32.0 32.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	44.0 42.0 48.0 32.0 45.0 32.0 40.0 26.0 32.0 32.0 0.0	-20.0 -18.0 -48.0 -32.0 -45.0 -32.0 -40.0 -26.0 -32.0 -32.0 70.0
LC - PK Learning Curve	Cmpl	10/14/1999 11/03/1999		01/31/2000 03/14/2000	70.0				
LC - SS Learning Curve	Cmpl	10/14/1999 11/03/1999		12/06/1999 12/17/1999	50.0	0.0	0.0	0.0	50.0
LC - JM Learning Curve	Cmpl	10/14/1999 11/03/1999		12/13/1999 12/17/1999	30.0	0.0	0.0	0.0	30.0
LC - YZ Learning Curve	Cmpl	10/14/1999 11/03/1999		10/05/1999 10/03/2000	50.0	26.0	0.0	26.0	24.0
LC - RR Learning Curve	Cmpl	10/14/1999 11/03/1999		10/20/1999 12/20/1999	50.0	6.0	0.0	6.0	44.0
LC-RR Learning Curve - 2	Cmpl	10/14/1999 11/03/1999		01/24/2000 02/04/2000		0.0	0.0	0.0	0.0
LC - MS1 Learning Curve	Cmpl	10/14/1999 11/03/1999		01/24/2000 03/01/2000	50.0	0.0	0.0	0.0	50.0
LC - SJ Learning Curve	Cmpl	10/14/1999 11/03/1999		10/27/1999 12/20/1999	70.0	30.0	0.0	30.0	40.0
LC - BP3 Learning Curve	Cmpl	10/14/1999 11/03/1999		02/28/2000 03/27/2000	70.0	0.0	0.0	0.0	70.0
LC - BP4 Learning Curve	Cmpl	10/14/1999 11/03/1999		01/05/2000 01/14/2000	70.0	0.0	0.0	0.0	70.0
LC - BP5 Learning Curve	Cmpl	10/14/1999 11/03/1999		11/22/1999 12/06/1999	70.0	0.0	0.0	0.0	70.0
LC - BP6 Learning Curve	Cmpl	10/14/1999 11/03/1999		02/28/2000 03/24/2000	70.0	0.0	0.0	0.0	70.0

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IDES ISM Project										April 2001																			
Today's Date: Project as of Date:																													
Name										Status		RETO		Baseline Start / End		Actual Start / End		Assn: Baseline Estimate		Total Actual Hours		ETC		Total		Variance			
LC - BP7 Learning Curve										Cmpl				10/14/1999 11/03/1999		01/24/2000: MD 02/04/2000		70.0				0.0		0.0		70.0			
LC - BP8 Learning Curve										Cmpl						01/31/2000: VG 03/10/2000						0.0		0.0		0.0			
NonBill Java training										Cmpl				11/08/1999 11/12/1999		11/08/1999: KD 11/12/1999: JB		0.0 0.0				0.0 0.0		0.0 0.0		0.0 0.0		0.0 0.0	
NonBill Java Training										Cmpl				01/03/2000 01/07/2000		11/09/1999 11/09/1999													
Code/Unit Test																													
Revise System Look and Feel										Cmpl				01/31/2000 02/10/2000		03/01/2000: MD 03/15/2000: TL1		0.0 0.0				2.0 4.0		0.0 0.0		2.0 4.0		-2.0 -4.0	
																SS		0.0				4.0		0.0		4.0		-4.0	
																JM		0.0				4.0		0.0		4.0		-4.0	
																RR		0.0				8.0		0.0		8.0		-8.0	
																JB		0.0				8.0		0.0		8.0		-8.0	
																BP		0.0				0.0		0.0		0.0		0.0	
																KD		68.0				4.0		0.0		4.0		64.0	
Address cross-browser issues for new look and feel										Cmpl		01/31/2000 02/10/2000		03/27/2000: KD 03/29/2000		16.0				0.0		0.0		0.0		0.0		16.0	
Build 0																													
Unix Utilities for Zip Code formatting										Cmpl		01/01/24/2000 02/05/2000		11/01/1999: RR 11/03/28/2000		20.0				44.0		0.0		44.0		-24.0			
Insert into Zip Proximity part of BSSM for										Cmpl		01/01/04/1999 12/07/1999		11/01/1999: RR 11/22/1999		28.0				28.0		0.0		28.0		0.0			
Update Zip Proximity part of BSSM for										Cmpl		01/01/04/1999 12/07/1999		11/01/1999: RR 11/22/1999		28.0				28.0		0.0		28.0		0.0			
Reserve for RR Insert into Zip Code (SP078)										Cmpl		01/01/04/1999 12/07/1999		11/01/1999: BP 11/22/1999		28.0				0.0		0.0		0.0		0.0		28.0	

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IDES ISM Project		April 2001									
Today's Date:		15									
Project as of Date:											
Name	Status	RETO	Baseline Start / End	Actual Start / End	Assn Baseline Estimate	Total Actual Hours	ETC	Total	Variance		
Reserve for RR Update Zip Code (SP079)	Cmpl	#####	12/07/1999 10/04/1999	12/02/1999 11/22/1999	BP 28.0	0.0	0.0	0.0	28.0		
Extract Zip Codes (Per)	Cmpl		12/07/1999 10/04/1999	12/02/1999 10/29/1999	RR 8.0	26.0	0.0	26.0	-18.0		
Match Merge Old New Illinois Zip Codes	Cmpl		12/07/1999 10/04/1999	12/07/1999 01/07/2000	RR 28.0	33.0	0.0	33.0	-5.0		
Load/Update/Insert New Illinois & Border Zip Codes	Cmpl		12/07/1999 10/04/1999	12/07/1999 01/07/2000	RR 28.0	44.0	0.0	44.0	-16.0		
Reserve for RR Extract Border States Zip Codes	Cmpl		12/07/1999 10/04/1999	12/07/1999 01/10/2000	BP 8.0	0.0	0.0	0.0	8.0		
Match Merge Old New Border Zip Codes	Cmpl		12/07/1999 10/04/1999	12/07/1999 11/19/1999	RR 28.0	25.0	0.0	25.0	3.0		
Reserve for Addl Zip Code Testing	Cmpl		12/07/1999	01/31/2000 02/29/2000	BP	0.0	0.0	0.0	0.0		
Reserve-Conversion Extract Reporting	Cmpl		10/04/1999 12/07/1999	01/31/2000 02/25/2000	BP 100.0	0.0	0.0	0.0	100.0		
Extract for Seeker Data (M/F Cobol)	Cmpl		12/07/1999	12/07/1999 12/30/1999	SJ 100.0	108.0	0.0	108.0	-8.0		
Mainframe conv extracts - Iterative Modifications	Cmpl			12/30/1999 01/31/2000	SJ	3.0	0.0	3.0	-3.0		
Mainframe conv extracts - Iterative Modifications	Cmpl			03/06/2000 03/06/2000	SJ	2.0	0.0	2.0	-2.0		
Unix COBOL conv pgms - Iterative Modifications	Cmpl			12/10/1999 04/14/2000	VG BV	5.0 183.0	0.0 0.0	5.0 183.0	-5.0 -183.0		
Create Job Seeker notes file (M/F Cobol)	Cmpl		10/04/1999 12/07/1999	11/19/1999 12/20/1999	BV 28.0	34.0	0.0	34.0	-6.0		
Create User and Job Seeker Loadable files (Cobol)	Cmpl		12/07/1999	10/19/1999 12/10/1999	BV 100.0	126.5	0.0	126.5	-26.5		
Create User and Password loadable file	Cmpl			12/10/1999 11/09/1999	BV	26.5	0.0	26.5	-26.5		
Create Job Seeker Skills loadable file (Cobol)	Cmpl		10/04/1999 12/07/1999	11/29/1999 12/27/1999	BV 100.0	89.5	0.0	89.5	10.5		
Create Job Seeker Work Hist loadable file (Cobol)	Cmpl		10/04/1999	12/16/1999	BV 22.0	23.0	0.0	23.0	-1.0		

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IDES ISM Project		#####	R E T R O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 200 15	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:												
Name												
Create Job Seeker Special Pgm's loadable file (Cobol)		Emply		12/07/1999	12/07/1999	BV	22.0		18.0	0.0	18.0	4.0
Extract Services file (M/F Cobol)		Emply		12/07/1999	12/07/1999	SJ	152.0		50.0	0.0	50.0	102.0
Create Services loadable file (Cobol)		Emply		12/07/1999	12/07/1999	VG	72.0		100.0	0.0	100.0	-28.0
Reserve for VG-Create Services loadable file		Cmpl		12/07/1999	01/31/2000	BP			0.0	0.0	0.0	0.0
Extract Title Alias data (Access)		Emply		12/07/1999	02/25/2000	MD	58.0		1.0	0.0	1.0	57.0
Reserve for MD-Extract Title Alias data, Skills data		Cmpl		12/07/1999	01/31/2000	BP			0.0	0.0	0.0	0.0
Extract Hier/Skill data from Paradox		Emply		12/07/1999	02/18/2000	MD	8.0		8.0	0.0	8.0	0.0
Create Hier Hier Skill Skill Request loadable files		Emply		12/07/1999	11/22/1999	MD	58.0		40.0	0.0	40.0	18.0
Create Group Skill loadable file (Access)		Emply		12/07/1999	11/22/1999	MD	58.0		38.0	0.0	38.0	20.0
Create Desc loadable file (Access)		Emply		12/07/1999	12/29/1999	MD	58.0		7.0	0.0	7.0	51.0
Skills Conversion - Iterative Modifications		Cmpl		12/07/1999	11/29/1999	MD			20.0	0.0	20.0	-20.0
Conversion Table Loads - Iterative Modifications		Cmpl		12/07/1999	02/07/2000	BV			6.0	0.0	6.0	-6.0
Reserve-Gains from the various loads		Cmpl		12/07/1999	04/03/2000	BP			0.0	0.0	0.0	0.0
Load Hier Table		Emply		12/07/1999	02/08/2000	SJ	8.0		7.0	0.0	7.0	1.0
Load Hier Skill Table		Emply		12/07/1999	11/05/1999	SJ	8.0		3.0	0.0	3.0	5.0
Load Occup Skill Table		Emply		12/07/1999	12/06/1999	SJ	8.0		3.0	0.0	3.0	5.0
Load Desc Table		Emply		12/07/1999	12/03/1999	SJ	8.0		3.0	0.0	3.0	5.0
		Cmpl		12/07/1999	12/03/1999	SJ	8.0		3.0	0.0	3.0	5.0



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IDES ISM Project		#####	RETRO			April 2001 15				
Today's Date: Project as of Date:										
Name		Status		Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance
Load User Load Table	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	SJ 8.0	3.0	0.0	3.0	5.0
Load User History Table	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	SJ 8.0	3.0	0.0	3.0	-3.0
Load Conv_SkillKeyword	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	SJ 8.0	3.0	0.0	3.0	-3.0
Load US Table	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	SJ 8.0	3.0	0.0	3.0	5.0
Load US Skill Table	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	SJ 8.0	3.0	0.0	3.0	5.0
Load US Work Hist Table	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	SJ 8.0	3.0	0.0	3.0	5.0
Load US Spec Point Table	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	SJ 8.0	3.0	0.0	3.0	5.0
Load US Status Table	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	SJ 8.0	3.0	0.0	3.0	5.0
Load US Services History Table	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	SJ 8.0	3.0	0.0	3.0	5.0
Load Zip Code Table	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	RR 8.0	4.0	0.0	4.0	4.0
Load Zip Code History Table	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	RR 8.0	4.0	0.0	4.0	4.0
Load US Ribbon Table	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	SJ 8.0	3.0	0.0	3.0	5.0
Move to system Support Manual Load Code Tables	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	AF 40.0	56.0	0.0	56.0	-16.0
Move to system Create Conversion Weekend Sched	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	AF 40.0	19.0	0.0	19.0	21.0
Update Conversion docs (Approach, mappings)	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	AF 32.0	28.5	0.0	28.5	-28.5
Build 0 Q/A Reviews	Impl			12/07/1999 12/07/1999	12/07/1999 12/07/1999	AF 32.0	24.0	0.0	24.0	8.0

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IDES ISM Project		#####	R E T R O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 2005 15	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:												
Name		Status		Baseline Start / End	Actual Start / End	Assn	Baseline Estimate		Total Actual Hours	ETC	Total	Variance
Support Conversion Developers (Orient etc)		Cmpl		12/06/1999 10/18/1999 12/07/1999	01/16/2000 11/01/1999 01/16/2000	AF	20.0		60.0	0.0	60.0	-40.0
Build 0 String Testing												
Prepare Unix Environment		Cmpl		10/04/1999 12/07/1999	11/23/1999 12/20/1999	AF	40.0		40.0	0.0	40.0	0.0
Execute Build 0 String Test		Cmpl		10/04/1999 12/07/1999	01/07/2000 02/07/2000	BV			40.0	0.0	40.0	-40.0
Milestone - End of Build 0		Cmpl		10/04/1999 12/07/1999	11/23/1999 01/23/2000	AF	80.0		138.0	0.0	138.0	-58.0
Code/Unit Test												
Build 1				01/03/2000	01/31/2000							
Maintain Hierarchy Details		Cmpl		10/18/1999 01/20/2000	11/19/1999 02/09/2000	JM	78.0		157.0	0.0	157.0	-79.0
Valid Text String (SP002)		Cmpl		10/18/1999 01/20/2000	12/20/1999 02/20/2000	JM	28.0		20.0	0.0	20.0	8.0
Add/Update Hierarchy Item (SP003)		Cmpl		10/18/1999 01/20/2000	11/23/1999 01/22/2000	JM	28.0		39.0	0.0	39.0	-11.0
Include In SP003 Update Hierarchy Item (SP039)		Cmpl		10/18/1999 01/20/2000	11/23/1999 01/22/2000	JM	28.0		16.0	0.0	16.0	12.0
Current Timestamp (SP053)		Cmpl		10/18/1999 01/20/2000	11/23/1999 01/22/2000	JM	10.0		10.0	0.0	10.0	0.0
Valid Text String (SP002)		Cmpl			03/16/2000	SS			4.0	0.0	4.0	-4.0
Similar Items		Cmpl			03/20/2000	SS			11.0	0.0	11.0	-11.0
Edit Associated Skills		Cmpl			03/27/2000	SS			206.0	0.0	206.0	-142.0



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IDES ISM Project		R E T R O		Baseline Start / End		Actual Start / End		Assn		Baseline Estimate		April 2001		Total Actual Hours		ETC		Total		Variance	
Name		Status		Baseline Start / End		Actual Start / End		Assn		Baseline Estimate		April 2001		Total Actual Hours		ETC		Total		Variance	
Test/Update Skill Assoc & Rank (SP088)		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		SS		28.0		28.0		30.0		0.0		30.0		-2.0	
Include in SP088 Update Skill Rankings (SP089)		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		SS		28.0		28.0		26.0		0.0		26.0		2.0	
Delete Skill Association (SP090)		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		SS		28.0		28.0		28.0		0.0		28.0		0.0	
Maintain Skill		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		JM		46.0		46.0		53.0		0.0		53.0		-7.0	
Add/Update Skill (SP040)		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		JM		28.0		28.0		11.0		0.0		11.0		17.0	
Include in SP040 Update Skill (SP041)		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		JM		28.0		28.0		0.0		0.0		0.0		28.0	
Add/Update Description Record (SP050)		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		JM		28.0		28.0		43.0		0.0		43.0		-15.0	
Include in SP050 Update Description Record (SP052)		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		JM		28.0		28.0		12.0		0.0		12.0		16.0	
Search Hierarchy		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		YZ		64.0		64.0		156.0		0.0		156.0		-92.0	
List/Select Hierarchy Item		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		YZ		74.0		74.0		193.0		0.0		193.0		-119.0	
Hierarchy Item Keys (SP081)		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		YZ		28.0		28.0		32.0		0.0		32.0		-4.0	
Hierarchy Item Count (SP082)		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		YZ		28.0		28.0		34.0		0.0		34.0		-6.0	
Hierarchy Item List (SP083)		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		YZ		28.0		28.0		32.0		0.0		32.0		-4.0	
Assist other Developers with Search/List architecture		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		YZ		64.0		64.0		5.0		0.0		5.0		-5.0	
Search Skill		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		RR		74.0		74.0		74.0		0.0		74.0		-10.0	
List/Select Skill		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		RR		74.0		74.0		109.0		0.0		109.0		-35.0	
Select Skill Keys (SP084)		Cmpl		10/18/1999 01/20/2000		10/22/1999 12/13/1999		RR		28.0		28.0		36.0		0.0		36.0		-8.0	

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IDES ISM Project		#####	RETRO	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 200 15	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:												
Name		Status		Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 200 15	Total Actual Hours	ETC	Total	Variance
Select Skill Count (SP035)		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	RR	28.0		28.0	0.0	28.0	0.0
Select Skill List (SP036)		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	RR	28.0		37.0	0.0	37.0	-9.0
Request Communication (SP039)		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	VG	50.0		85.0	0.0	85.0	-35.0
Notification-Job Seeker Referral (SP067)		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	VG	56.0		88.0	0.0	88.0	-32.0
Notification-Job Seeker Referral		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	MS1			11.0	0.0	11.0	-11.0
Notification-Job Seeker Match (SP070)		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	MS1	56.0		73.0	0.0	73.0	-17.0
Common Message Merge-Bulk		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	SS	40.0		49.0	0.0	49.0	-9.0
Format-Send Mail Messages		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	MS1	100.0		202.5	0.0	202.5	-102.5
Build 1 Q/A Reviews												
Lead Analyst Reviews		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	SS	40.0		44.0	0.0	44.0	-4.0
Build 1 String Testing												
Plan Build String Test		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	SS	40.0		28.0	0.0	28.0	12.0
Execute Build String Test/Sys Test Build		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	SS	80.0		32.0	0.0	32.0	48.0
Milestone - End of Build 1		Cmpl		01/07/2000	02/07/2000							
Reserve for SS-Execute B1 String Test		Cmpl		01/31/2000	02/07/2000	BP			0.0	0.0	0.0	0.0
Code/Unit Test												
Build 2												
Display Hierarchy List (moved to B1)		Cmpl		01/10/1999 01/10/2000	01/10/1999 02/07/2000	JB	64.0		227.5	0.0	227.5	-163.5

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IDES ISM Project		Status		Baseline Start / End		Actual Start / End		Assn	Baseline Estimate	Total Actual Hours		ETC	Total	Variance
Today's Date: Project as of Date:		#####		R E T R O						April 2005 15				
Name														
Obsolete-Reserve for BV-Replace Job Seeker Skills		Cmpl		03/30/2000 12/06/1999		03/30/2000 03/03/2000		BP	28.0	0.0		0.0	0.0	28.0
Obsolete-Reserve for BV-Replace Job Order Skills		Cmpl		03/30/2000 12/06/1999		03/30/2000 03/03/2000		BP	28.0	0.0		0.0	0.0	28.0
Obsolete-Reserve for BV-Update/Replace Skill Set		Cmpl		03/30/2000 12/06/1999		03/30/2000 03/03/2000		BP	28.0	0.0		0.0	0.0	28.0
Obsolete-Reserve for BV-Insert/Remove/Label Skills		Cmpl		03/30/2000 12/06/1999		03/30/2000 02/15/2000		BP	28.0	0.0		0.0	0.0	28.0
Obsolete-Reserve for BV-Search/Replace Hierarchy		Cmpl		03/30/2000 12/06/1999		03/30/2000 02/11/2000		BP	28.0	0.0		0.0	0.0	28.0
Obsolete-Reserve for BV-Clear/Remove/Label Skills		Cmpl		03/30/2000 12/06/1999		03/30/2000 02/15/2000		BP	28.0	0.0		0.0	0.0	28.0
Skill Search & Replace		Cmpl		03/30/2000 12/06/1999		03/30/2000 04/06/2000		BV	28.0	60.0		0.0	60.0	-32.0
Reserve for BV-Skill Search & Replace		Cmpl		03/30/2000 12/06/1999		03/06/2000 03/23/2000		BP		0.0		0.0	0.0	0.0
Obsolete-Reserve for BV-Skill Search & Replace		Cmpl		03/30/2000 12/06/1999		03/30/2000 04/27/2000		BV	28.0	0.0		0.0	0.0	28.0
Search ISM Users		Cmpl		03/30/2000 12/06/1999		03/30/2000 02/24/2000		MD	64.0	159.0		0.0	159.0	-95.0
List/Select ISM Users		Cmpl		03/30/2000 12/06/1999		03/30/2000 12/30/1999		MD	74.0	79.0		0.0	79.0	-5.0
Search ISM User (SP007)		Cmpl		03/30/2000 12/06/1999		03/30/2000 04/10/2000		MD	28.0	32.0		0.0	32.0	-4.0
Count ISM User (SP008)		Cmpl		03/30/2000 12/06/1999		03/30/2000 04/10/2000		MD	28.0	32.0		0.0	32.0	-4.0
List Summary for ISM Users (SP087)		Cmpl		03/30/2000 12/06/1999		03/30/2000 04/10/2000		MD	28.0	24.0		0.0	24.0	4.0
Maintain Users		Cmpl		03/30/2000 12/06/1999		03/30/2000 02/29/2000		KD	64.0	171.0		0.0	171.0	-107.0
Retrieve User Detail (SP112)		Cmpl		03/30/2000 12/06/1999		03/30/2000 02/27/1999		KD	28.0	30.0		0.0	30.0	-2.0
Obsolete-Reserve for KD-Insert/Update User Login (SP116)		Cmpl		03/30/2000 12/06/1999		03/30/2000 03/06/2000		BP	28.0	0.0		0.0	0.0	28.0

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IDES ISM Project		R E T R O		Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 2001 15	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:		#####		Status								
Name												
Obsolete-Reserve for KD-Insert/Update User History (SP066)		Cmpl		03/30/2000 12/06/1999	03/03/2000 02/25/2000	BP	28.0		0.0	0.0	0.0	28.0
Insert/Update Staff (SP065)		Cmpl		03/30/2000 12/06/1999	03/03/2000 01/17/2000	KD	28.0		28.0	0.0	28.0	0.0
Insert/Delete User Rights (SP064)		Cmpl		03/30/2000 12/06/1999	03/03/2000 01/12/2000	KD	28.0		28.0	0.0	28.0	0.0
Notification-Registration Processed (SP066)		Cmpl		03/08/2000 03/17/2000	02/11/2000 02/28/2000	SS	56.0		24.0	0.0	24.0	32.0
Notification-Employer Referral (SP068)		Cmpl		11/22/1999 12/06/1999	11/05/1999 02/27/2000	AP	56.0		125.0	0.0	125.0	-69.0
Notification-Employer Match (SP069)		Cmpl		03/08/2000 03/17/2000	01/28/2000 02/28/2000	BV	56.0		92.5	0.0	92.5	-36.5
Create PMS File		Cmpl		02/03/1999 03/29/2000	12/03/1999 01/12/2000	AP	100.0		108.0	0.0	108.0	-8.0
Obsolete-Reserve for YZ-Update CTT ID Mode		Cmpl		03/30/2000 12/06/1999	03/03/2000 01/19/2000	BP	10.0		0.0	0.0	0.0	10.0
Obsolete-Reserve for YZ-Update CTT ID Mode		Cmpl		12/06/1999 03/30/2000	01/20/2000 01/21/2000	BP	10.0		0.0	0.0	0.0	10.0
Obsolete-Reserve for YZ-Update CTT ID Mode		Cmpl		02/03/1999 03/30/2000	01/22/2000 01/25/2000	BP	10.0		0.0	0.0	0.0	10.0
Create BFS Correspondence File		Cmpl		02/03/1999 03/30/2000	01/14/2000 02/26/2000	YZ	100.0		153.0	0.0	153.0	-53.0
Load BFS Correspondence File into BFS		Cmpl		03/30/2000 12/06/1999	01/14/2000 01/17/2000	SJ	58.0		58.0	0.0	58.0	0.0
Update BFS Correspondence Files (iss 388)		Cmpl		03/30/2000 12/06/1999	02/21/2000 03/01/2000	SJ			16.0	0.0	16.0	-16.0
Common Message Merge Build 2		Cmpl		12/06/1999 03/30/2000	01/21/2000 02/16/2000	SS	112.0		104.0	0.0	104.0	8.0
Flat File Template Load Program (Java)		Cmpl		12/06/1999 03/30/2000	02/24/2000 03/06/2000	YZ	28.0		52.0	0.0	52.0	-24.0
Notification Case Manager Referral		Cmpl		03/30/2000 12/06/1999	03/03/2000 01/21/2000	KD	56.0		68.0	0.0	68.0	-12.0
Ongoing ENDS Mapping		Cmpl		03/30/2000 12/06/1999	01/06/2000 02/29/2000	PK			24.5	0.0	24.5	-24.5

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IDES ISM Project		#####	R E T R O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 2005 15	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:												
Name		Status										
Create ENDS Application File		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	PK	152.0		210.0	0.0	210.0	-58.0
Create ENDS Order File		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	AP	152.0		160.0	0.0	160.0	-8.0
Create ENDS Referral File		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	BV	0.0		0.0	0.0	0.0	0.0
Create ENDS Referral File		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	VG	152.0		18.0	0.0	18.0	134.0
Create ENDS Referral File		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	BV	152.0		113.0	0.0	113.0	-113.0
Create ENDS Service File		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	PK	152.0		160.0	0.0	160.0	-8.0
Create ENDS Characteristics File (Services)		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	PK			35.0	0.0	35.0	-35.0
Create ENDS Annual 020 Record file		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	PK			25.0	0.0	25.0	-25.0
ENDS Applicant Conversion (one time run)		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	PK			7.0	0.0	7.0	-7.0
Process Welfare Records (Iss 20)		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	JB	0.0		0.0	0.0	0.0	0.0
Process Welfare Records (Iss 20)		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	SJ	100.0		10.0	0.0	10.0	90.0
Initial Load Welfare History Table		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	SS			4.0	0.0	4.0	-4.0
Initial Load Welfare History Table		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	BV			47.0	0.0	47.0	-47.0
Initial Load Welfare History Table		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	JB	0.0		0.0	0.0	0.0	0.0
Initial Load Welfare History Table		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	SJ	8.0		0.0	0.0	0.0	8.0
Initial Load Welfare History Table		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	BV			4.0	0.0	4.0	-4.0
Create Employee File (BFS Mirror)		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	SJ	58.0		54.0	0.0	54.0	4.0
Process Wage Records in ISM		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	MS1	100.0		101.0	0.0	101.0	-1.0
Extract Wage Records from WIS		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	MS1	58.0		80.0	0.0	80.0	-22.0
Process New Hire Registry		Cmpl		12/03/1999 03/30/2000	03/27/2000 12/03/1999	SJ	100.0		97.0	0.0	97.0	3.0
Obsolete-Reserve for BV-Update Claimant History R		Cmpl		12/06/1999	02/04/2000	BP	10.0		0.0	0.0	0.0	10.0



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IDES ISM Project		#####	R E T R O	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	April 2001 15	Total Actual Hours	ETC	Total	Variance
Today's Date: Project as of Date:											
Name		Status		Baseline Start / End	Actual Start / End	Assn: Baseline Estimate		Total Actual Hours	ETC	Total	Variance
Obsolete-Reserve for BV-Insert Claimant History Rec Cmpl		Cmpl		03/30/2000 12/06/1999 03/30/2000	02/07/2000 02/04/2000 02/07/2000	BP BP BV		0.0 61.0 0.0	0.0 0.0 0.0	0.0 61.0 0.0	10.0 39.0 0.0
Reserve for BV-Update Claimant History		Cmpl		03/30/2000 12/06/1999 03/30/2000	02/07/2000 02/04/2000 02/07/2000	BV BP BV		4.0 0.0 0.0	0.0 0.0 0.0	4.0 0.0 0.0	4.0 0.0 0.0
Build 2 Q/A Reviews		Cmpl		03/30/2000 12/06/1999 03/30/2000	02/07/2000 02/04/2000 02/07/2000	MS1		46.0 11.0 0.0	0.0 0.0 0.0	46.0 11.0 0.0	-6.0 29.0 0.0
Build 2 String Testing		Cmpl		03/30/2000 12/06/1999 03/30/2000	02/07/2000 02/04/2000 02/07/2000	MD MS1		0.0 119.0 0.0	0.0 0.0 0.0	0.0 119.0 0.0	80.0 -39.0 0.0
Milestone - End of Build 2		Cmpl		02/25/2000	03/24/2000						
Code/Unit Test											
Build 3											
Maintain Applicant Registration Status		Cmpl		01/24/2000 04/05/2000 01/24/2000	02/28/2000 03/07/2000 03/10/2000	JB SS JB		92.5 59.0 181.0	0.0 0.0 0.0	92.5 59.0 181.0	-34.5 -31.0 -77.0
Generate Skills Selection Sheet		Cmpl		04/05/2000 01/25/1999 04/05/1999	03/28/2000 01/13/2000 03/03/2000	JB		15.0	0.0	15.0	13.0
List Employer Services and Communications		Cmpl		04/05/1999 01/25/1999 04/05/1999	03/03/2000 01/13/2000 03/03/2000	JB					
Retrieve Services/Communications Count (SP043)		Cmpl		04/05/1999 01/25/1999 04/05/1999	03/03/2000 01/13/2000 03/03/2000	JB					

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IDES ISM Project		April 2005													
Today's Date:															
Project as of Date:															
Name	Status	R	E	T	R	O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance	
Retrieve Services/Communications Information (SP001)	Empl	#####					01/25/1999	01/14/2000	JB	28.0	18.0	0.0	18.0	10.0	
Retrieve Services/Communications History Keys (SP002)	Empl						01/25/1999	02/22/2000	JB	28.0	18.0	0.0	18.0	10.0	
Reserve for JB-SPROC hours for ASSP02	Cmpl						01/25/1999	01/14/2000							
Skill Picker Clone	Cmpl						01/25/1999	02/03/2000	BP		0.0	0.0	0.0	0.0	
								02/01/2000							
								02/08/2000							
								03/15/2000	SS		17.0	0.0	17.0	-17.0	
								03/28/2000							
Maintain Employer Service (SP003)	Empl						01/24/2000	01/25/2000	RR	64.0	71.0	0.0	71.0	-7.0	
							01/24/2000	03/14/2000							
Retrieve Employer Service Record (SP004)	Empl						01/24/2000	02/08/2000	RR	10.0	10.0	0.0	10.0	0.0	
Insert Employer Service (SP004)	Empl						01/24/2000	02/28/2000	RR	10.0	18.0	0.0	18.0	-8.0	
							01/24/2000	02/15/2000							
Update/delete Employer Service (SP042)	Empl						01/24/2000	02/21/2000	RR	10.0	12.0	0.0	12.0	-2.0	
							01/24/2000	02/25/2000							
Include in SP004: Create Employer Service (SP005)	Empl						01/24/2000	03/03/2000	RR	10.0	0.0	0.0	0.0	10.0	
							01/24/2000	02/23/2000	RR	10.0	0.0	0.0	0.0	10.0	
							01/24/2000	02/23/2000							
Retrieve Employer Service Record	Cmpl						01/24/2000	02/21/2000	RR		8.0	0.0	8.0	-8.0	
								02/22/2000							
Add Employer Service (SP006)	Empl						01/24/2000	02/04/2000	RR	64.0	77.0	0.0	77.0	-13.0	
							01/24/2000	03/05/2000							
List Applicant Services and Communications	Empl						01/24/2000	01/14/2000	SS	104.0	78.0	0.0	78.0	26.0	
							01/24/2000	03/27/2000							
Retrieve Applicant Services Count (SP054)	Empl						01/24/2000	02/23/2000	SS	28.0	5.0	0.0	5.0	23.0	
							01/24/2000	03/10/2000							
Retrieve Applicant Services History Keys (SP055)	Empl						01/24/2000	02/13/2000	SS	28.0	13.0	0.0	13.0	15.0	
							01/24/2000	03/03/2000							
Retrieve Applicant Services Information (SP056)	Empl						01/24/2000	02/13/2000	SS	28.0	8.0	0.0	8.0	20.0	
							01/24/2000	03/10/2000							
Maintain Applicant Service (SP006)	Empl						01/24/2000	01/21/2000	JM	64.0	53.0	0.0	53.0	11.0	
							01/24/2000	04/03/2000							
Insert Applicant Service (SP006)	Empl						01/24/2000	01/23/2000	JM	10.0	6.0	0.0	6.0	4.0	
							01/24/2000	05/28/2000							

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IDES ISM Project		April 2005									
Today's Date: Project as of Date:											
Name	#####	RETRO	Status	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance	
Retrieve Applicant Service Record											
Include In SP006 to create Applicant Service (SP010)	Cmpl			01/24/2000 04/05/2000	03/27/2000 03/28/2000	JM	0.0	0.0	0.0	0.0	
Update/Delete Applicant Service (SP057)	Cmpl			01/24/2000 04/05/2000	02/10/2000	JM	0.0	0.0	0.0	10.0	
Retrieve Applicant Service Record (SP058)	Cmpl			01/24/2000 04/05/2000	02/10/2000	JM	2.0	0.0	2.0	8.0	
Add Applicant Service	Cmpl			01/24/2000 04/05/2000	03/25/2000	JM	6.0	0.0	6.0	4.0	
Change Password	Cmpl			01/24/2000 04/05/2000	01/25/2000	JM	47.0	0.0	47.0	17.0	
Obsolete/Restore BOP ZIP Package to ZIP Package	Cmpl			01/24/2000 04/05/2000	03/25/2000	TL1	72.0	0.0	72.0	-26.0	
Obsolete/Restore BOP ZIP Package to ZIP Package (SP010)	Cmpl			01/24/2000 04/05/2000	03/25/2000	RR	0.0	0.0	0.0	28.0	
Accept Vendor Application	Cmpl			01/24/2000 04/05/2000	03/25/2000	BP	0.0	0.0	0.0	28.0	
Password and Username Vendor Zip File	Cmpl			01/24/2000 04/05/2000	03/25/2000	RR	11.0	0.0	11.0	-3.0	
Backup Old New Illinois Zip Files	Cmpl			01/24/2000 04/05/2000	03/25/2000	RR	14.0	0.0	14.0	-6.0	
Backup Old New Border Zip Files	Cmpl			01/24/2000 04/05/2000	03/25/2000	RR	11.0	0.0	11.0	-7.0	
Find Local Office	Cmpl			01/24/2000 04/05/2000	03/25/2000	RR	8.0	0.0	8.0	-4.0	
Find Local Office (SP100)	Cmpl			01/24/2000 04/05/2000	03/25/2000	MS1	58.0	0.0	58.0	6.0	
Edit Locom Message Text	Cmpl			01/24/2000 04/05/2000	02/03/2000	MS1	28.0	0.0	28.0	0.0	
Create/Update Locom Message Text (SP102)	Cmpl			01/24/2000 04/05/2000	02/03/2000	KD	53.0	0.0	53.0	-7.0	
Common Reporting Interface	Cmpl			01/24/2000 04/05/2000	02/03/2000	KD	28.0	0.0	28.0	0.0	
	Cmpl			01/24/2000 04/05/2000	03/03/2000	YZ	38.0	0.0	38.0	62.0	



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IDES ISM Project	#####	R E T R O	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	April 2005 15	Total Actual Hours	ETC	Total	Variance
Mini-String test Common Rpt (korn, FTP, m/f JCL, pr)	Cmpl						19.0	0.0	19.0	-19.0
Insert/Update Job Order Status (SP024)	Cmpl		01/24/2000	03/23/2000	YZ		10.0	0.0	10.0	18.0
Duplicate-Reserve on PK Delete Qualified Candidate	Cmpl		01/24/2000	03/27/2000	BB	28.0	0.0	0.0	0.0	28.0
Maintain Job Order Status	Cmpl		01/24/2000	03/10/2000	BP	28.0	0.0	0.0	0.0	28.0
Duplicate-BSSMZ10P-Update Referral Results (SP1)	Cmpl		01/24/2000	03/27/2000	PK	58.0	0.0	0.0	0.0	-27.0
Maintain Referral Results	Cmpl		01/24/2000	03/21/2000	BP	50.0	0.0	0.0	0.0	50.0
Daily Activity Report	Cmpl		01/24/2000	03/10/2000	YZ	58.0	0.0	0.0	0.0	0.0
Daily Result Report	Cmpl		01/24/2000	03/27/2000	JB	152.0	0.0	0.0	0.0	63.0
Potential Issues Report	Cmpl		01/24/2000	02/10/2000	SJ	58.0	0.0	0.0	0.0	-4.0
Employee Activity Report	Cmpl		01/24/2000	02/26/2000	SJ	58.0	0.0	0.0	0.0	5.0
Manual Communications Report (ISS 03/10/2000)	Cmpl		01/24/2000	02/27/2000	SJ	100.0	0.0	0.0	0.0	-8.0
New/Changed Job Orders Report (Issue 02/27/2000)	Cmpl		01/24/2000	03/05/2000	SJ	58.0	0.0	0.0	0.0	8.0
Future Release Report	Cmpl		01/24/2000	03/05/2000	SJ	28.0	0.0	0.0	0.0	-12.0
Maintain Report Parameter Table program	Cmpl		01/24/2000	03/05/2000	SJ	0.0	0.0	0.0	0.0	-22.0
Build 3 Q/A Reviews	Cmpl		01/24/2000	03/27/2000	AP	152.0	0.0	0.0	0.0	53.5
Functional Analyst Reviews	Cmpl		01/24/2000	03/27/2000	SJ	58.0	0.0	0.0	0.0	12.0
Build 3 String Testing	Cmpl		01/24/2000	03/27/2000	PK	40.0	0.0	0.0	0.0	9.0
Plan Build String Test	Cmpl		01/24/2000	03/27/2000	PK	40.0	0.0	0.0	0.0	32.0

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IDES ISM Project		April 2005									
Today's Date:											
Project as of Date:											
Name	Status	R E T R O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	Total Actual Hours	ETC	Total	Variance	
Execute Build/Support Test	Cmpl		04/05/2000	04/05/2000	JM	80.0	27.0	0.0	27.0	53.0	
			04/05/2000	04/05/2000	KD	0.0	31.0	0.0	31.0	-31.0	
			04/05/2000	04/05/2000	PK	80.0	80.5	0.0	80.5	-0.5	
Milestone - End of Build 3	Cmpl		04/05/1999	04/13/2000							
Development Tech Support											
Tech/Analyst-Online(4 hrs/week)	Cmpl		10/18/1999	10/18/1999	JM	96.0	143.0	0.0	143.0	-47.0	
Tech/Analyst-Batch(4 hrs/week)	Cmpl		04/05/2000	03/31/2000	BV	96.0	43.0	0.0	43.0	53.0	
			10/18/1999	10/18/1999							
			04/05/2000	04/03/2000							
Infrastructure Support	Cmpl			01/31/2000	BB1		195.5	0.0	195.5	-195.5	
				03/31/2000							
Appl Infrastructure Support (Code reviews, Issues, et	Cmpl			02/11/2000	JM		95.0	0.0	95.0	-95.0	
Bless B2 components (prepare & bless)	Cmpl			03/31/2000	KT		3.0	0.0	3.0	-3.0	
Bless B3 components (prepare & bless)	Cmpl			03/27/2000	KD		97.0	0.0	97.0	-97.0	
				03/27/2000	KD		40.0	0.0	40.0	-40.0	
Milestone - Arch Complete	Cmpl			04/10/2000							
			04/05/2000	03/31/2000							
Project Mgmt Tasks - Testing T											
Project Management											
Manage Turnover from Dev to Testing	Cmpl										
			04/17/2000	04/14/2000	BP	75.0	70.0	0.0	70.0	5.0	
			04/28/2000	05/01/2000							
Manage Testing Team	Cmpl		11/01/1999	10/01/1999	MZ	320.0	305.0	0.0	305.0	15.0	
			07/31/2000	07/07/2000							
Weekly Issues Status etc.	Cmpl		11/01/1999	07/09/1999	ET	150.0	18.0	0.0	18.0	132.0	
			07/31/2000	07/07/2000	AL	0.0	22.5	0.0	22.5	-22.5	
					MZ	150.0	144.5	0.0	144.5	5.5	

IDES ISM Project									
Today's Date: Project as of Date:									
Name	Status	R E T R O	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance
Weekly Issues Status, etc., Test Exec	Cmpl	#####	03/01/2000 07/31/2000	01/17/2000 07/03/2000	AF MJW YD SS1 SJ AS JM SK1 BB KT BB1 MS1 YZ JB DA GK KD MD CJ TL1 SS MZ	65.0 81.0 6.0 15.0 8.0 47.0 30.0 5.0 21.0 0.0 12.0 73.0 13.0 26.0 31.0 0.0 20.0 10.0 36.0 16.0 66.0 24.0	0.0 0.0	65.0 81.0 6.0 15.0 8.0 47.0 30.0 5.0 21.0 0.0 12.0 73.0 13.0 26.0 31.0 0.0 20.0 10.0 36.0 16.0 66.0 24.0	-65.0 3.0 78.0 -15.0 -8.0 3.0 0.0 10.0 9.0 15.0 30.0 -31.0 2.0 4.0 -16.0 42.0 22.0 5.0 -36.0 -16.0 -66.0 0.0
Reserve for Testing	Cmpl		07/02/1999 07/31/2000	07/02/1999 07/31/2000	MZ	0.0	0.0	0.0	225.0
Reserve in Testing	Cmpl		03/14/2000 03/14/2000	03/14/2000 03/14/2000	TL	0.0	0.0	0.0	225.0
Manager Testing Team Plan	Cmpl		08/30/1999 07/31/2000	10/18/1999 06/30/2000	MZ	94.0	0.0	94.0	96.0
System Test Planning & Execu									
MJR-Begin System Test Planning	Cmpl		02/01/1999 02/01/1999	02/01/1999 02/01/1999	MZ	0.0	0.0	0.0	-62.5
Start ST Subphase									
Develop Testing Approach	Cmpl		03/01/1999 03/01/1999	03/01/1999 03/01/1999	AL	62.5	0.0	62.5	-62.5

IDES ISM Project	#####	R E T R O	Status	Baseline Start / End	Actual Start / End	Assn. Baseline Estimate	Total Actual Hours	ETC	Total	Variance
Today's Date:										
Project as of Date:										
Name										
Develop Testing Approach - reserve	Cmpl			10/06/1999	10/06/1999	MZ	57.5	0.0	57.5	62.5
Develop String Testing Guidelines - reserve	Cmpl			11/08/1999	11/08/1999	MZ	8.0	0.0	8.0	0.0
Develop Defect Tracking Database and Procedures	Cmpl			11/08/1999	11/08/1999	MZ	8.0	0.0	8.0	0.0
				12/08/1999	12/08/1999	MJW	16.0	0.0	16.0	0.0
				12/09/1999	12/09/1999	MJW	66.5	0.0	66.5	13.5
				01/13/2000	01/13/2000	MJW	12.0	0.0	12.0	-12.0
				01/25/2000	01/25/2000	MJW	40.0	0.0	40.0	0.0
				01/29/1999	01/29/1999	MJW	40.0	0.0	40.0	0.0
New Team Member orientation/startup	Cmpl			01/10/2000	01/10/2000	YD	30.0	0.0	30.0	10.0
System Test Planning				10/04/1999	10/04/1999	MZ	207.0	0.0	207.0	0.0
				10/29/1999	10/29/1999	MZ	372.5	0.0	372.5	-9.0
				10/29/1999	10/29/1999	AL	8.0	0.0	8.0	0.0
				10/29/1999	10/29/1999	AF	152.0	0.0	152.0	0.0
				10/29/1999	10/29/1999	YD	194.0	0.0	194.0	0.0
Document System Flow	Cmpl			11/01/1999	11/01/1999	MJW	28.0	0.0	28.0	12.0
				01/31/2000	01/31/2000	MZ	10.0	0.0	10.0	30.0
				02/03/2000	02/03/2000	AL	24.0	0.0	24.0	56.0
				02/25/2000	02/25/2000	MZ	48.0	0.0	48.0	32.0
				02/10/2000	02/10/2000	MC				
				02/10/2000	02/10/2000	MC				
				07/03/2000	07/03/2000	AL	69.0	0.0	69.0	31.0
				02/10/2000	02/10/2000	BB1				
				02/25/2000	02/25/2000	AB				
PVCS / Migration Procedures	Cmpl			11/19/1999	11/19/1999	MZ	41.0	0.0	41.0	6.0
				04/17/2000	04/17/2000	BK	5.0	0.0	5.0	0.0

IDES ISM Project		Status		R E T R O		Baseline Start / End		Actual Start / End		Assn		Baseline Estimate		April 2001		Total Actual Hours		ETC		Total		Variance	
Name		#####																					
Today's Date:																							
Project as of Date:																							
Issues Research (Enter key behavior)-reserve		Cmpl				01/19/2000 01/21/2000		01/19/2000 01/21/2000		MS1 CJ AF YD		40.0 0.0 5.0 10.0				40.0 6.0 5.0 10.0		0.0 0.0 0.0 0.0		40.0 6.0 5.0 10.0		0.0 -6.0 0.0 0.0	
String Test Support		Cmpl														25.0		0.0		25.0		-25.0	
Execute String Test																							
System Test Execution		Cmpl																					
MJR- Begin System Test Execution						03/01/2000		03/01/2000		MZ						80.0		0.0		80.0		-80.0	
Support Test Execution		Cmpl																					
Support System Test Execution		Cmpl				01/24/2000 05/19/2000		01/24/2000 05/26/2000		MZ CJ BK		320.0 120.0 280.0				189.0 95.0 195.0		0.0 0.0 0.0		189.0 95.0 195.0		131.0 25.0 85.0	
Execute System Test Build 1		Cmpl				01/24/2000 04/14/2000		01/24/2000 04/17/2000		MJW YD AF SJ		172.0 0.0 85.0 36.0				224.0 0.0 85.0 36.0		0.0 0.0 0.0 0.0		224.0 0.0 85.0 36.0		-52.0 0.0 0.0 0.0	
Execute System Test Build 2		Cmpl				04/07/2000 05/12/2000		04/07/2000 05/22/2000		MJW SS1 MS1 SJ		90.0 111.0 20.0 74.0				103.0 115.0 0.0 120.0		0.0 0.0 0.0 0.0		103.0 115.0 0.0 120.0		-13.0 -4.0 20.0 -46.0	
Execute System Test Build 3		Cmpl				04/17/2000 05/12/2000		04/17/2000 05/09/2000		AL AL MJW SS1 MS1 SJ		0.0 0.0 80.0 74.0 10.0 74.0				49.0 49.0 78.0 47.0 6.0 94.0		0.0 0.0 0.0 0.0 0.0 0.0		49.0 49.0 78.0 47.0 6.0 94.0		-49.0 -49.0 2.0 27.0 4.0 -20.0	
Support Conversion/Stored Procs thru System Test		Cmpl				01/17/2000 05/19/2000		01/17/2000 05/19/2000		AF		160.0				195.0		0.0		195.0		-35.0	
Re-Testing		Cmpl								AL		0.0				0.0		0.0		0.0		0.0	

[illegible]

IDES ISM Project		#####	R E T R O				April 2005 15				
Today's Date: Project as of Date:		Status		Baseline Start / End	Actual Start / End	Assn:	Baseline Estimate	Total Actual Hours	ETC	Total	Variance
Assist Tech team with Performance Test Planning		Cmpl		04/03/2000 04/14/2000	04/03/2000 05/30/2000	SS	74.0	113.0	0.0	113.0	-39.0
Prepare for Perf Test Execution (Develop scripts, etc)		Cmpl		04/14/2000 05/12/2000	04/14/2000 05/22/2000	SS JB	50.0 108.0	53.0 165.0	0.0 0.0	53.0 165.0	-3.0 -57.0
Support/Execute Performance Test		Cmpl		04/17/2000 05/19/2000	05/08/2000 06/16/2000	TL1 TL1	132.0 95.0	134.0 88.0	0.0 0.0	134.0 88.0	-2.0 7.0
Conclude ST Subphase		Cmpl		06/30/2000	05/26/2000	MZ					
User Acceptance Testing (AT)											
Start AT Phase		Cmpl		04/03/2000	04/24/2000	MZ					
Plan Acceptance Test		Cmpl		11/01/1999 11/29/1999	04/24/2000 05/19/2000	MZ	24.0	0.0	0.0	0.0	24.0
Document Acceptance Criteria		Cmpl		04/03/2000	05/01/2000	MZ	80.0	32.0	0.0	32.0	48.0
Support User Team for Creating AT Cases/Condition		Cmpl		06/15/2000	06/12/2000	MZ	20.0	8.0	0.0	8.0	12.0
Create AT Calendar		Cmpl		05/01/2000	05/01/2000	MZ	24.0	12.0	0.0	12.0	12.0
Create/Maintain AT Schedule		Cmpl		05/15/2000 06/15/2000	06/16/2000 06/26/2000	MZ					
Conduct Acceptance Test											
MUR: Begin Acceptance Test Execution		Cmpl		07/03/2000	06/12/2000	MZ	40.0	20.0	0.0	20.0	20.0
Support Users for Executing Acceptance Test		Cmpl		07/03/2000 07/28/2000	05/30/2000 06/26/2000	MZ		29.0	0.0	29.0	-29.0
Support Acceptance Test		Cmpl			06/12/2000 06/16/2000	YZ KT		28.0	0.0	28.0	-28.0



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IDES ISM Project		R E T R O		April 2001 15					
Today's Date:	#####	Status		Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance
Project as of Date:									
Name									
Support/Acceptance Test	Cmpl			07/03/2000 07/28/2000	AF MZ MS1 KD GK SS1 MJW	15.0 75.0 32.0 0.0 126.0 85.5 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0	15.0 75.0 32.0 0.0 126.0 85.5 0.0	-15.0 -35.0 -32.0 0.0 -126.0 -25.5 60.0
Support Conversion thru Acceptance Testing	Cmpl			07/03/2000 07/28/2000					
Conclude AT Subphase									
MJR - Complete/Acceptance Test Execution	Cmpl			07/28/2000	MZ				
Deployment (DEP) Project Plan									
Start DEP Subphase									
Begin Deployment Planning	Cmpl			04/03/2000	AS				
Manage Deployment									
Manage Deployment Team & Plan	Cmpl			04/10/2000 08/31/2000	AS	198.0	0.0	198.0	42.0
Resolve Deployment Issues	Cmpl			04/10/2000 08/31/2000	AS	120.0	0.0	120.0	0.0
Reserve in Deploy plan	Cmpl			03/14/2000 03/14/2000	TL	0.0	0.0	0.0	150.0
Plan/Implement Deployment									
Develop/Implement Deployment Plan	Cmpl			05/01/2000 08/31/2000	AS	63.0	0.0	63.0	157.0
Support Deployment	Cmpl			06/05/2000 06/30/2000	SJ	160.0	0.0	160.0	0.0
Support Deployment	Cmpl			06/05/2000 06/30/2000	BB	170.0	0.0	170.0	-10.0



## Production Support (PS)

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IDES ISM Project		April 2001							
Today's Date:		15							
Project as of Date:									
Name	Status	R E T R O	Baseline Start / End	Actual Start / End	Assn: Baseline Estimate	Total Actual Hours	ETC	Total	Variance
Begin Production Support	Cmpl	#####	08/07/2000	07/13/2000	TL AS				
<b>Support Production System</b>									
Pilot Sun/UNIX/Netscape Support	Cmpl		07/13/2000	07/13/2000	DH	82.0	0.0	82.0	68.0
Pilot Database Support	Cmpl		08/02/2000	08/02/2000	AF	121.5	0.0	121.5	28.5
Pilot Application Support	Cmpl		08/02/2000	08/02/2000	BB	148.0	0.0	148.0	2.0
Pilot Application Support	Cmpl		07/13/2000	08/07/2000	MS1	150.0	0.0	150.0	0.0
<b>Routine Hardware/Software Monitoring</b>									
Sun/UNIX/Netscape Support	Strt		08/03/2000	03/26/2001	TS	8.0	0.0	8.0	-8.0
Sun/UNIX/Netscape Support	Strt		04/15/2002	04/02/2001	DH	1,058.0	1,447.5	2,505.5	1,008.5
Monitoring System Performance and Status	Strt			01/12/2001	DH	46.0	130.5	176.5	-176.5
Monitoring System Performance and Status	Strt			04/15/2002	AF	13.0	87.0	100.0	-100.0
Tracking and Prioritizing system related issues	Strt			01/15/2001	AF	152.0	48.0	200.0	-200.0
Web/Application Servers-SW/HW Upgrades	Strt			04/15/2002	DH	6.0	194.0	200.0	-200.0
<b>Routine DBMS maintenance functions</b>									
Database Production Support	Strt			03/26/2001	TS	9.0	0.0	9.0	-9.0
Database Production Support	Strt			04/02/2001	RC	26.0	0.0	26.0	-26.0
Database Production Support	Strt			04/02/2001	AF	1,223.0	1,406.0	2,629.0	885.0

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IDES ISM Project		April 2001		15							
Today's Date:											
Project as of Date:											
Name	#####	RETRO	Status	Baseline Start / End	Actual Start / End	Assn:	Baseline Estimate	Total Actual Hours	ETC	Total	Variance
Database Servers-SW/HW upgrades	Not Sirt				03/19/2001 - AF 06/18/2002			0.0	300.0	300.0	-300.0
Correcting reported application problems											
Fixing Application problems	Cmpl				09/20/2000 - MP 04/15/2002			512.0	0.0	512.0	-512.0
Fixing Application problems	Sirt			08/03/2000 - BB 04/15/2002			3,514.0	1,233.5	95.0	1,328.5	2,185.5
Fixing Application problems	Cmpl				01/16/2001 - SJ 02/05/2001			93.0	0.0	93.0	-93.0
Fixing Application problems	Sirt				01/15/2001 - PK 04/15/2002			448.5	1,415.5	1,864.0	-1,864.0
Fixing Application problems	Sirt				01/12/2001 - MS1 04/15/2002			416.5	1,405.5	1,822.0	-1,822.0
Fixing Application problems	Cmpl				08/10/2000 - MX 09/18/2000			157.0	0.0	157.0	-157.0
Supporting batch prod'n environ											
Support Batch Production Environment	Sirt			08/03/2000 - MS1 04/15/2002			3,514.0	952.5	215.0	1,167.5	2,346.5
Create Operations Documentation											
Create database ops doc	Sirt				02/01/2001 - AF 04/23/2001			5.0	35.0	40.0	-40.0
Create App Servers ops doc	Not Sirt				03/26/2001 - MS1			0.0	20.0	20.0	-20.0
Create web servers ops doc	Not Sirt				03/29/2001			0.0	20.0	20.0	-20.0
Create dev/app support ops doc	Sirt				03/19/2001 - AF 03/28/2001			0.0	20.0	20.0	-20.0
Create interfaces/cosbatch ops doc	Sirt				02/01/2001 - BB 04/23/2001			38.0	2.0	40.0	-40.0
Create infrastructure ops doc	Sirt				02/01/2001 - PK 04/23/2001			37.0	3.0	40.0	-40.0
	Sirt				02/01/2001 - BB 04/23/2001			14.0	6.0	20.0	-20.0

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Name		Status	R E T R O	Baseline Start / End	Actual Start / End	Assn	Baseline Estimate	April 2005 15	Total Actual Hours	ETC	Total	Variance
IDES ISM Project		#####										
Today's Date:												
Project as of Date:												
Create UNIX admin ops.doc		Strt			02/01/2001	DH		1.0	8.0	2.0	10.0	-10.0
Create Network environment ops.doc		Strt			04/23/2001	MS1		0.0	7.0	23.0	30.0	-30.0
Revise and finalize ops docs					03/19/2001	DH		0.0	4.0	16.0	20.0	-20.0
					04/23/2001	MS1		0.0	0.0	20.0	20.0	-20.0
		Not Strt			04/02/2001	AF		0.0	0.0	8.0	8.0	-8.0
					04/16/2001	BB		0.0	0.0	8.0	8.0	-8.0
Miscellaneous Support						MS1		0.0	0.0	8.0	8.0	-8.0
						DH		0.0	0.0	8.0	8.0	-8.0
						PK		0.0	0.0	8.0	8.0	-8.0
								0.0	0.0	8.0	8.0	-8.0
Managing Production Support		Cmpl			01/12/2001	TL			0.0	0.0	0.0	0.0
Maintain Project Plan		Strt			06/04/2001							
Production Support		Strt			02/01/2001	PK		2.0	32.0	232.0	264.0	-264.0
Production Support		Strt			04/15/2002							
Production Support		Cmpl			11/20/2000	LL			1.0	39.0	40.0	-40.0
Production Support		Strt			06/01/2001							
Production Support		Cmpl			11/15/2000	AB			108.5	0.0	108.5	-108.5
Production Support		Strt			01/02/2001							
Production Support		Cmpl			08/03/2000	TC			75.0	25.0	100.0	-100.0
Production Support					06/01/2001							
Production Support					09/18/2000	TS			140.0	0.0	140.0	-140.0
Transition online bugfix procedure		Strt			11/13/2000							
Turnover Monitoring, etc. to IDES Operations		Not Strt			02/01/2001	BB		0.0	13.0	7.0	20.0	-20.0
					04/23/2001	PK		0.0	12.0	8.0	20.0	-20.0
					12/29/2000	AF						
					07/02/2001	DH						
Conclude PS Subphase												
Production Support Concluded		Not Strt			07/30/2002	AS						
					04/15/2002	DH						
Totals							81,906.7	182.5	80,605.2	7,242.0	87,847.2	-5,940.5